

JUN 29 1959

CANADIAN

JUNE 1959

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five dollars a year

ELECTRONICS ENGINEERING

JUN 29 1959

Components & Equipment Directory

1959/60



FOR TEST AND
INSTRUMENTATION

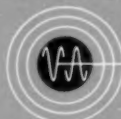
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WIDE FREQUENCY RANGE • HIGH POWER OUTPUT

Long recognized as the standard for laboratory test applications at X-band, these reflex klystrons are designed especially for use as bench oscillators and laboratory signal generators. Tuned by micrometers, they cover the full X-band frequency range with power output of 250 mW. Small and light, the X-13 and X-13B feature new low-current filaments for longer tube life.

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X-13B	7.3 to 11.0 kMc	250 mW
V-39B	10.0 to 15.5 kMc	50 mW
V-40B	15.0 to 21.0 kMc	50 mW
V-58	8.5 to 10.0 kMc	600 mW



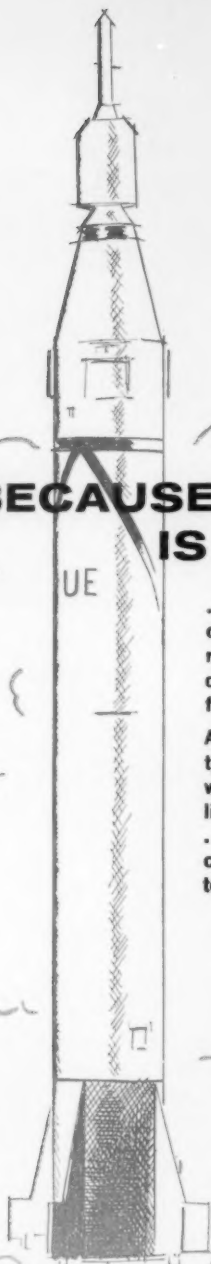
V-39B



V-40B

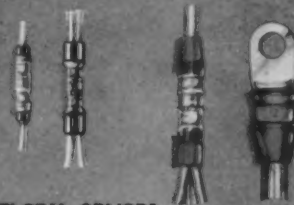
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- solid, stranded or combination conductors
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AMP's product is finished crimp-type terminations on your circuitry wires . . . by the hundreds or millions . . . of the highest reliability . . . performing under gruelling conditions . . . from basic terminals to complete patchcord systems.



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- contacts have rear board accommodation for taper pins to provide reliable solderless lead terminations

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- extremely reliable disconnect for ground electronic and instrumentation application
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- polarized to prevent improper coupling—has numbered cavities to assure proper circuit identification



COMPLETE INFORMATION ON THESE FOUR PRODUCT LINES IS AVAILABLE ON REQUEST.

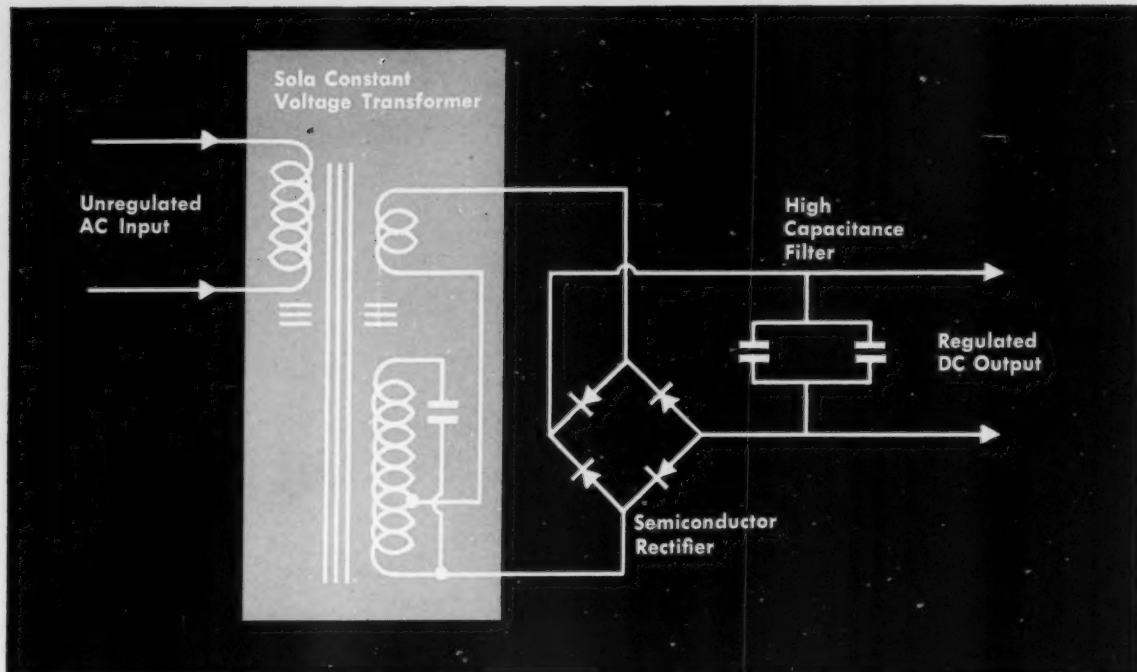
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Inherently simple design of the Sola Constant Voltage DC Power Supply is shown by this general schematic diagram. Its basic simplicity of design and its reliable components make this regulated power supply rugged and dependable, both electrically and mechanically.

Just three reliable components make Sola's regulated dc power supply simple and rugged

Sola Electric Co. (an outfit where complexity-for-its-own sake wins no promotions) has combined three simple, reliable components — a special type of Sola Constant Voltage Transformer, a semiconductor rectifier, and a high-capacitance filter — to make a regulated dc power supply that is rugged and dependable.

Electrical characteristics of the special CV transformer maximize most of the advantages of the semiconductor rectifier and the capacitive filter, while virtually eliminating their disadvantages. This particularly happy combination of components gives output in the ampere range, regulation within $\pm 1\%$ even under $\pm 10\%$ line voltage variation, and ripple less than 1% rms. It handles variable, pulse, or high-amperage loads without a second thought... it even puts up with dead shorts.

Size? Maintenance? Cost? Sola's simplicity drive permits the units to occupy minimum space, to do without movable or expendable parts, and to sell at a reasonable price.

Simple construction, reliability and compactness are benefits common to the entire line of regulated dc power supplies. Sola designs and produces hundreds of ratings to meet widely varying electrical and mechanical requirements of equipment manufacturers; and also produces complete power supply systems to specification. It is set up to handle specific needs in production quantities. Your nearby sales engineer can supply all the facts.

In addition to custom service, Sola currently stocks six fixed-output models ranging from 24 volts at six amps to 250 volts at one amp. Six adjustable models are stocked, too.

For complete data write for Bulletin 52 F-CV-235

SOLA ELECTRIC (CANADA) LTD., 24 Canmoro Avenue • Toronto 18, Ontario • Phone: CLifford 1-1147
In The United States, Sola Electric Co., Chicago 50, Illinois, A Division of Basic Products Corporation



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volume three, number

CANADIAN ELECTRONICS ENGINEERING

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1959-60

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U. S., U. K. and Other Manufacturers

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Authorized as second class mail, Post Office Department, Ottawa.

Printed and published by Maclean-Hunter Publishing Company Limited, 481 University Avenue, Toronto 2, Canada. Address all correspondence: P.O. Box 100, Toronto, Canada. EM. 3-5981.

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Subscription rates: Canada \$5.00 per year, two years \$9.00, three years \$13.00. Single copy price \$1.00. U. S. A., United Kingdom, \$10.00 per year; all other countries, \$20.00 per year.

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BNA



By using the SHF Communications band and new, much smaller components, Westinghouse has developed a powerful yet compact MICROSCATTER system. Two MICROSCATTER components are shown above: The 2 K.W. Klystron Tube (right) and a model of the microwave block.

"Here's how we put Microscatter on wheels!"

Now, Westinghouse has successfully reduced the size of microwave scatter—by developing an SHF system! And now, all radio equipment for a 5,000 mc. quadruple diversity repeater can be mounted in a 40-foot truck trailer.

For voice, teletype, television, facsimile and raw radar video . . . this advanced MICROSCATTER gives you high quality SHF transmission to points 100 to 200 miles away!

WESTINGHOUSE MICROSCATTER also gives you

HIGH QUALITY TRANSMISSION with an extremely linear, wide band Modulator/Exciter.

LOW COST PER CHANNEL MILE . . . due to minimum operating and maintenance costs . . . and low power consumption.

HIGH RELIABILITY of up to 99.99% . . . with quadruple diversity.

SMALL, NARROW-BEAM ANTENNAS, from 8 ft. to 28 ft. in diameter.



Here's MICROSCATTER on wheels! All radio equipment for a 5,000 mc. quadruple diversity repeater is easily mounted in a standard 40-foot trailer.

For complete information, phone your nearest Westinghouse office. Or write to Canadian Westinghouse Company Limited, Electronics Division, Longwood Road, Hamilton, Canada.

YOU CAN BE SURE...IF IT'S
Westinghouse



56C745

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CANADIAN ELECTRONICS ENGINEERING JUNE 1959

Canada may have a space research program after all

The United States National Aeronautics and Space Administration (NASA) has accepted proposals by the Defence Research Telecommunications Establishment (DRTE) for joint rocket vehicle and satellite experiments.

U. S. rockets and a satellite will be instrumented by scientists from the Ottawa establishment. To be launched sometime after 1960 at Vandenberg Air Force Base in California, the satellite experiment will permit probing by radio pulses of the ionosphere's upper side.

While the vehicle pursues a polar orbit it will direct radio pulses downward. These will be reflected back to the satellite from the upper layers of the ionosphere and the information will then be telemetered to ground stations.

The Canadian scientists have started work on the design of instruments for the satellite. They will also design equipment for existing Canadian ionospheric stations at Fort Churchill, Man., and elsewhere in Canada to which the data will be telemetered.

In charge of the team planning the Canadian phase of the satellite project is R. Keith Brown, leader of the Space Instrumentation Section of DRTE's Electronics Wing. Dr. Walter Heikkila, head of the Rocket Research Section of DRTE's Radio Physics Wing, is in charge of the rocket instrumentation program.

In addition to the satellite project, the Ottawa establishment will develop instrumentation for two high-altitude research rockets to be launched by NASA this year. The experiments will be designed to study the electron density in the ionosphere.

DRTE scientists have been chosen for these projects because of their extensive experience in ionospheric, upper atmospheric and auroral investigations.

Canadian committee on space research

The National Research Council of Canada at its meeting in Saskatoon, June 3 to June 5, has formed an Associate Committee on Space Research. This is being formed jointly with the Defence Research Board. The new committee will have co-ordination duties and will advise on international co-operation. Scientific subjects to be

studied will include geomagnetism, the aurora, meteorology, cosmic rays, radiation from the sun, and chemical composition of the upper atmosphere. This Canadian work, now in hand, can be enhanced by a series of high altitude rockets carrying measuring instruments.

The new committee will be particularly useful to Canadian university groups interested in research in the upper atmosphere. They will have an opportunity to design their own experiments, and to build instruments for the nose cones of rockets.

The rocket range at Churchill will probably be used. Canadian and U. S. groups have already been co-operating in maintaining this range.

The new committee includes members from a number of Government departments and agencies, and from universities with research teams in related fields.

Chairman is Dr. D. C. Rose, NRC; secretary is B. D. Leddy, NRC.

Members are: Dr. G. M. Griffiths, U.B.C.; Dr. B. G. Wilson, U. of Alta.; Dr. P. A. Forsyth, U. of Sask.; Dr. A. D. Misener, U. of Western Ont.; Dr. J. Auer, U. of Ottawa; Dr. G. N. Patterson, U. of Toronto; Dr. C. Winkler, McGill; Dr. C. Fremont, Laval; Dr. A. D. MacDonald, Dalhousie; G. D. Watson, DRB; Dr. J. H. Chapman, DRB; Dr. R. F. Chinnick, DRB; Dr. D. W. R. McKinley, NRC; F. R. Thurston, NRC; M. M. Thomson, Dom. Observatory; C. M. Brant, Dept. of Transport; Dr. Andrew Thomson, Dept. of Transport; J. J. McCordick, Dept. of External Affairs.

Canadian committee expands into U.S.A.

A significant reversal in trend in Canadian-U. S. business in the forma-

tion of a U. S. subsidiary of a parent Canadian company has been announced by Croven Limited, Whitby, Ontario.

The U. S. subsidiary, Ovena Inc., to be located in Charlottesville, Virginia, has been established as a manufacturing and sales outlet for the parent company's complete quartz crystal and crystal oven product lines.

Financing of the new company will be through assets of the parent Canadian firm. Mr. G. A. Vogt, vice-president of Croven Limited, will direct operations at the Charlottesville plant. Mr. R. P. Green has been appointed sales manager for Ovena Inc.

International Rectifier forms Canadian company

International Rectifier Corp., El Segundo, Calif., announced the formation of International Rectifier of Canada Ltd., with headquarters at 1581 Bank St., Ottawa. Earl F. Johnson is secretary-manager.

Mr. Johnson has been associated with the Canadian electronics industry in sales engineering and management capacities for several years. He is a graduate in electrical engineering from the University of Manitoba and McGill University.

New company in Lindsay, Ontario

F. Brearton, an ex-Avro employee, and E. Emmerich from New Jersey, have established a new manufacturing company at Lindsay, Ontario. Under the name of LCR Manufacturing Company, they will produce radio and TV components.

Engineers form electronics firm

A new instrumentation-electronics firm, Pedaco Ltd., has been established to supply engineering, development and manufacturing services in instrumentation, data handling and industrial electronics.

Located at Box 156, Station D, Toronto 9, Ont., the firm claims extensive design and practical experience through its four-member engineering staff, and looks forward to a year of consolidation and expansion.



Newly elected officers and directors of the Canadian Electronic Wholesalers' Association. L. to R.: R. Bryanton (rear), Regina; J. T. Rochford, Toronto; N. J. Trehub, Montreal; A. M. Clark, Vancouver; O. J. Bell, Belleville; A. G. Johnson, North Bay; J. Dunn, Vancouver, and L. Rosenberg, Winnipeg.



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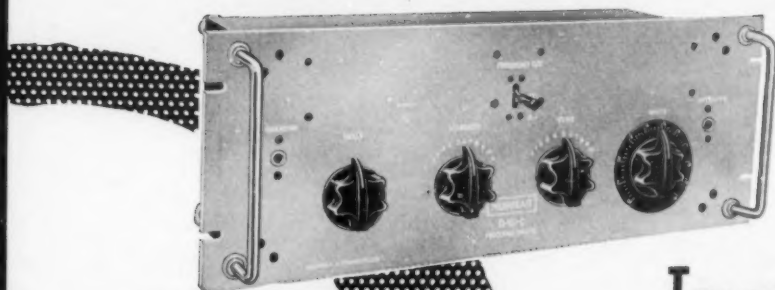
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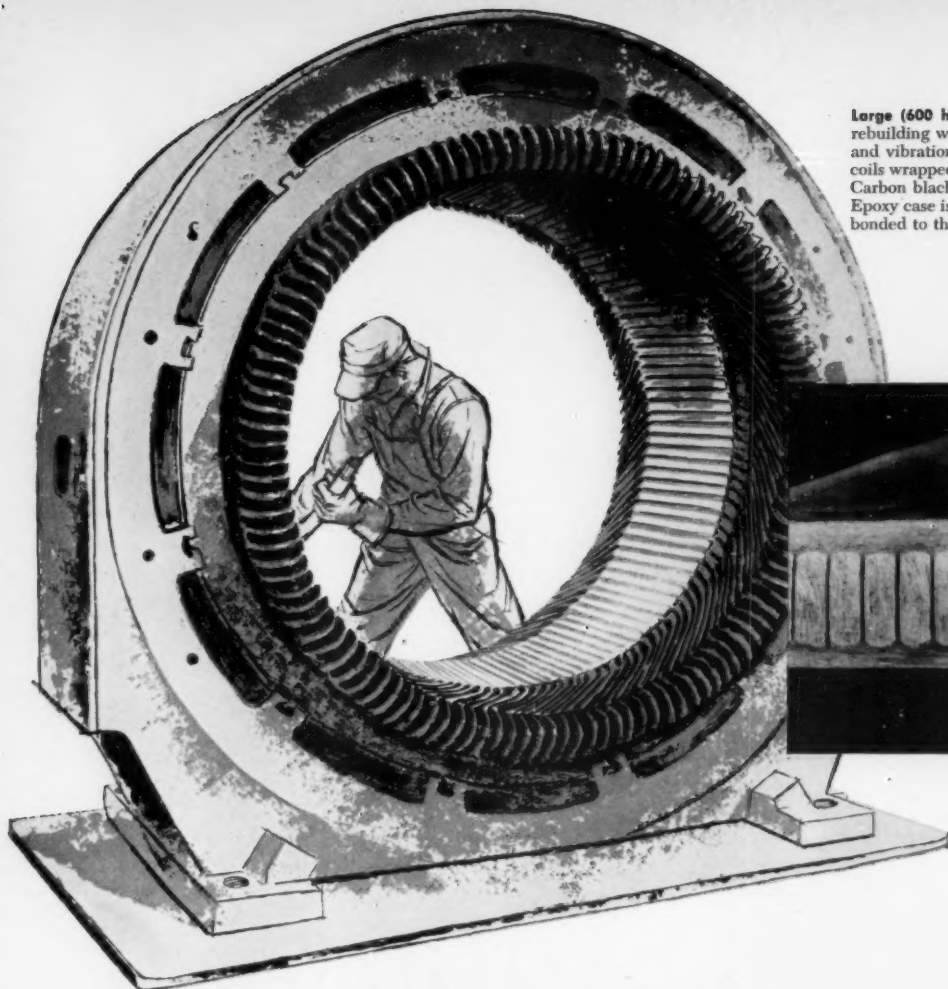
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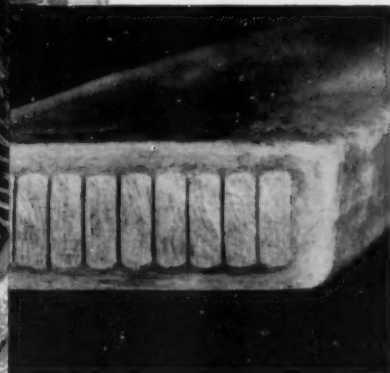
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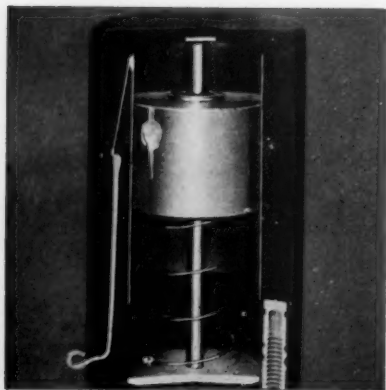
Large (600 h.p.) Banbury motor coil after rebuilding with epoxy encased coils. Heat and vibration opened crevices in original coils wrapped with conventional materials. Carbon black penetration caused failures. Epoxy case is extremely hard, and strongly bonded to the conductor.



TO PROTECT AGAINST FAILURE OF COMPONENTS...

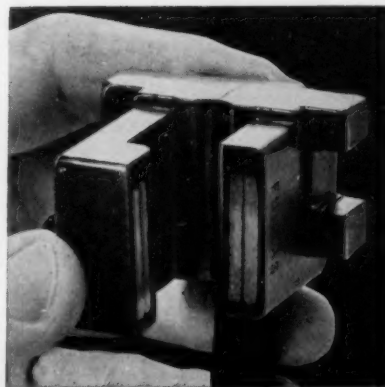
embed them in BAKELITE

BRAND



Shock in jet aircraft finds the RAM accelerometer prepared. It's a uniquely-designed, extremely low-friction type, hermetically sealed with compounds based on BAKELITE Brand Epoxy Resins, providing a constant self-damping factor over a wide altitude-temperature range. Vertical white lines in cross-section are fine wire windings embedded in the epoxy.

A 50% increase in mechanical life resulted when starter motors were equipped with this coil encapsulated in BAKELITE Epoxy Resins. It cut moisture-caused burnout almost to zero. Motors run eight per cent cooler. The tough resin prevents damage by vibration or impact. It virtually eliminated coil changing, and reduced stocking of coils and starters. Cured resin withstands temperatures from -90 to 250 deg. F.





GIVE your delicate electrical components and subunits the protection to meet the most gruelling performance demands... increase their reliability... avoid failures... cut down on costly maintenance...

Embed, encapsulate, or pot them in BAKELITE Brand

Epoxy Resins—the “sturdy case” that hardens and keeps them safe. BAKELITE Epoxy Resins provide toughness, and mechanical strength... form a strong bond with metals, ceramics, and other surfaces... possess excellent corrosion resistance and dielectric properties.

A wide variety of formulations provides:

low viscosity—to permit penetration of fine crevices and the addition of fillers when economies demand it. Colors may be added for coding.

dispensing ease—for automatic machines.

sufficient pot life—long enough to permit proper handling.

safe exotherm—so that heat of reaction will not harm delicate components.

minimum shrinkage—to provide maximum dimensional stability.

From the advantages shown here, you can project many of the benefits your own products will enjoy. They are important to the engineer seeking miniaturization, handling safety, replacement speed, economy, and protection against moisture and vibration for sensitive electrical parts.

epoxy resins

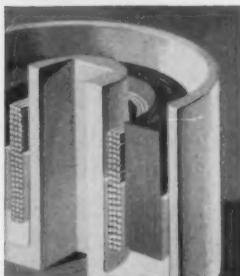
Bakelite Company will help you with laboratory and research facilities, years of experience in plastics, and a variety of epoxy resins unsurpassed in quality.

For information, write Dept. CEE-59, Bakelite Company, Division of Union Carbide Canada Limited, 40 St. Clair Ave. E., Toronto 7, Canada.

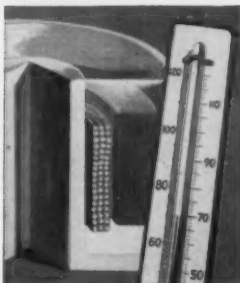
Simple steps in casting with BAKELITE Epoxy Resins



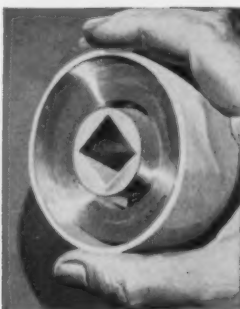
Poured as a liquid—resin mixed with hardener will cure without harm to fragile elements in the assembly.



Fills every crevice—low viscosity permits complete penetration, minimizes air entrapment.



Hardens without heat—BAKELITE Epoxy Resins can be cured at room temperature or at elevated temperature.



Keeps assembly safe—embedment resists shocks, chemicals, moisture, and holds components firmly.

It pays to protect with

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BRAND
EPOXY RESINS



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TV Star Joan Fairfax gets acquainted Canada Wire television cables

CANADA WIRE CW-TELCON cables are star performers throughout the complex systems that faithfully transmit audio and video impulses from studio to home receivers. One reason is that these Canada Wire products are "swept" to ensure the absolutely uniform diameters necessary for perfect response to all frequencies.

To Canada's television and radio industries, Canada Wire supplies all types of conductors, including: coaxial cables, dual coaxial cables, triaxial cables, air

spaced coaxial cables, helical membrane cables and antenna lead-in wire. Where special cables are required, Canada Wire—as one of Canada's largest and most experienced manufacturers of electrical conductors—is uniquely well-equipped to provide the proper cable for the particular application.

CW-Telcon RF Cables Catalogue No. CWT-57 will be forwarded to you on request.

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with some other television stars with Polyethylene dielectrics

"UNION CARBIDE" POLYETHYLENE is a star performer as the dielectric in Canada Wire CW-TELCON RF CABLES because of its extraordinary chemical, electrical and physical properties with such outstanding advantages as low power factor, high resistance to moisture, acids and alkalis, stability in the presence of ozone, excellent resistivity and dielectric strength.

Pioneers in the extrusion of polyethylene for RF

cables in the Western Hemisphere, Canada Wire also uses "UNION CARBIDE" polyethylene as a jacketing compound because of its good temperature properties . . . -76°F to 176°F .

To find out more about why "UNION CARBIDE" polyethylene is the *preferred* material for the dielectrics and the jackets of wires and cables for submarine, underground or above ground installation, contact our nearest sales office.



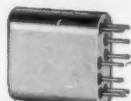
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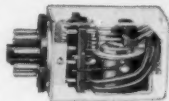
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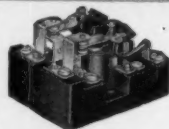
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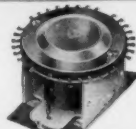
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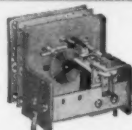


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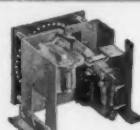


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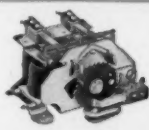
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R.E.R.



M.A.S.

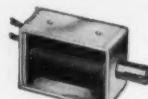
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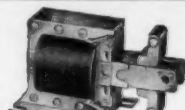
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U/L Approved as a 1/4 H. P. industrial Magnetic Motor Starter —

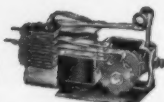


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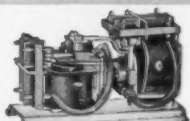
For control of 230 V., A. C. loads up to 3 H. P. Motors and 8400 watt Heater Loads.

* Plunger actuated to combine relay and solenoid functions.

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SERIES S-120



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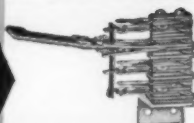


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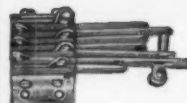
SWITCHES



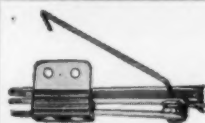
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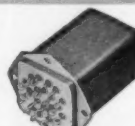
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For further information mark No. 17 on our Readers' Service Card

CANADIAN ELECTRONICS ENGINEERING JUNE 1959



Factory Burn-in. All high-reliability G-E 5-Star tubes receive a special burn-in at C.G.E. This method weeds out possible early failures and promotes uni-

form tube performance. Every G-E 5-Star Tube has also passed rigid mechanical and electrical tests before shipment.

GET EXTRA PROTECTION FOR CRITICAL TUBE APPLICATIONS WITH G-E 5-STAR TUBES

As a manufacturer of communication, radar, computer or other industrial and military electronic equipment, your products must continue to operate dependably under abnormal and severe conditions. You can expect this service when your designs specify G-E 5-Star Tubes.

G-E 5-Star tubes are made in Canada. Their ultra-reliability and longer life is a result of these special design features, controlled manufacturing processes, and rigid tests:

- Welded heater bar and baseleads for structural rigidity
- Double mica spacers resist shock and vibration
- Critical grids are gold or silver plated to minimize grid emission
- Extra severe tests for shock, vibration, heater cycling and long life
- Burn-in process stabilizes characteristics—weeds out possible early failures.

The chart on the right shows you the prototypes which should be replaced by G-E 5-Star tubes in critical sockets. They help assure your radar, communication, computer, or other critical electronic equipment will continue to perform reliably—building a solid reputation that will lead to repeat orders for your equipment.

For further information on Canadian-made G-E 5-Star tubes contact: Electronic Tube Section, Canadian General Electric Co. Ltd., 189 Dufferin Street, Toronto, Ontario.

QUICK REFERENCE FIVE-STAR REPLACEMENT CHART

Regular Receiving Tube Type	Replace with G-E Five- Star or other Specified Types	Regular Receiving Tube Type	Replace with G-E Five-Star or other Specified Types
2C51	5670*, 5670A, 5670WA	6AC7	6134, 6AC7WA
2D21	5727, 2D21W	6SK7	6137, 6SK7WA
5Y3GT	6087, 5Y3WGTB	6BE6	5730, 6BE6W
6AK5	5654, 5654/6AK5W, 5654/6AK5W/6096	6BH6	6265*
4AL5	5725, 6AL5W, 6097	6C4	6100, 6C4WA
6AQ5	6005, 6AQ5W, 6095	6X4	6202, 6X4WA
6AS6	5725, 6AS6W	12AT7	6201, 12AT7WA, 12AT7WB
6BA6		12AU7	5814A*
6AS7G	5749, 6BA6W 6080	12AX7	5751*, 5751WA
		12AY7	6072*

*Heater current approx. 17% higher. Check heater circuitry before substituting.



**GENERAL ELECTRIC
INDUSTRIAL AND
MILITARY TUBES**

ELECTRONIC TUBE SECTION

1643-159

CANADIAN GENERAL ELECTRIC COMPANY LIMITED

*Cut storage
and
handling costs
control
inventories
increase
savings*

RUSH

another shipment of
**QUALITY ELECTRONIC
COMPONENTS** from
RAILWAY & POWER

Nationwide sales and service
for these leading principals

ADEL PRECISION PRODUCTS—Cushioned and Bonded Cable Clips

ANTI-CORROSIVE METAL PRODUCTS CO. INC. — Stainless and Nylon Fasteners

HOMER D. BRONSON CO.—Hinges and Butts

DZUS FASTENER CO., INC.—Quarter-Turn Fasteners

LORD MANUFACTURING CO.—Vibration Isolators

OLYMPIC SCREW & RIVET CORP.—Blind Rivets

PARKER SEAL COMPANY—O-Rings

RIGIDIZED METALS CORPORATION—Rigidtex Design-Strengthened Metals

SHUR-LOK CORPORATION — Rack Clamps, Clinch Nuts, Spacers

WAVEGUIDE, INC.—Waveguides

WINCHESTER ELECTRONICS, INC. — Electrical Connectors

Contact your Railway & Power salesman today.

EXPERIENCE • SERVICE

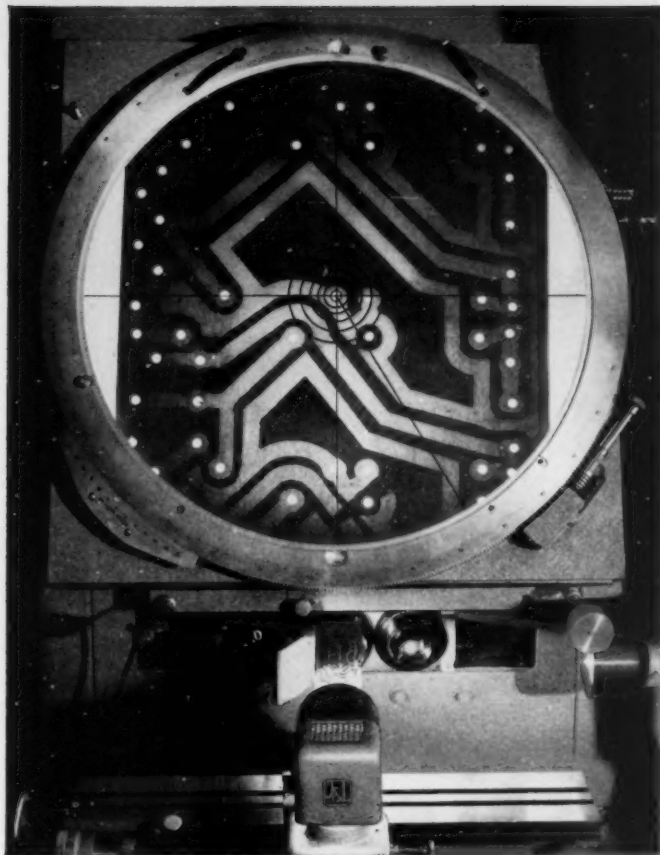
RAILWAY & POWER
Engineering Corporation Limited

81Q

NEW GLASGOW • QUEBEC • MONTREAL • NORANDA • NORTH BAY • OTTAWA • TORONTO • HAMILTON • WINDSOR • CAULT STE. MARIE • WINNIPEG • CALGARY • EDMONTON • VANCOUVER

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CANADIAN ELECTRONICS ENGINEERING JUNE 1959



J & L Comparators are ideally suited for inspection of printed circuits — because they provide coordinate measuring facilities corresponding to the method by which circuits are dimensioned.

In mating the printed circuit with other components, it is necessary that the terminal points be located accurately. Also — to assure a uniform flow of current through the connectors, the drilled holes at the terminals must be centralized within the circuitry.

A Comparator, equipped with a surface illuminator, projects a reflected image to a chart having radii and lines. By comparing the image of the drilled holes to the radii on the chart the size and location of the holes may be determined.

True precision like this never comes cheap!

Of all the possible areas in which to economize, quality inspection is the least promising. Why?

Simply because the kind of intensive research, painstaking engineering and top-quality manufacture it takes to produce precision inspection equipment like the J&L Comparator just CAN'T be offered at bargain-basement prices. On the other hand, cheap equipment doesn't belong in the same league with a J&L Comparator when it comes to accuracy, speed, versatility and all-round dependability. When it comes to true precision of inspection, a cheap comparator can prove to be *terribly* expensive.

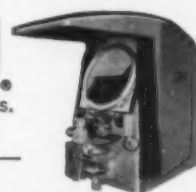
J&L Comparators come in 11 models, both bench and pedestal type.

— — — — — "The originator of machine tool standards in optical inspection" — — — — —

JONES & LAMSON

JONES & LAMSON MACHINE COMPANY, Dept. 710, 545 Clinton Street, Springfield, Vt., U.S.A.

Please send me Comparator Catalog 5700, which describes the complete line of J&L Optical Comparators.



Model FC-30

name _____	title _____	street _____
company _____	city _____	zone _____

For further information mark No. 20 on our Readers' Service Card

DESIGNERS SPECIFY P&B's MR RELAY WITH CONFIDENCE



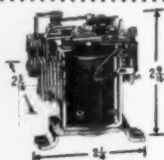
for a host of control applications

RELIABILITY coupled with low cost are two factors which place the MR series relays high on P&B's best seller list. They are being used in a multiplicity of designs... transmitters, street lighting equipment and small motor starters, to name but a few.

Both AC and DC models are available, with AC coils ranging up to 440 volts. All are adaptable for printed circuit mounting. The wide variety of contact arrangements include:

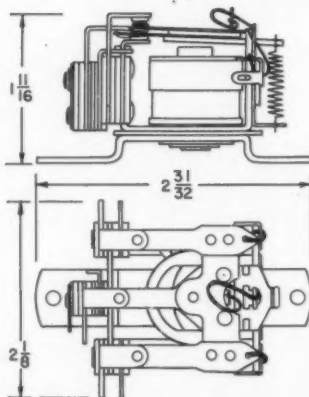
SPST-NO	SPST-NC-DB	DPST-NC	3PST-NC
SPST-NC	SPDT	DPDT	3PDT
SPST-NO-DB	DPST-NO	3PST-NO	

For more information about this medium duty, compact relay, call or write today—or get in touch with the P&B sales engineer nearest you. See our complete catalog in Sweet's Product Design File.



LM SERIES: Plate circuit relays similar to the MR. All sp and dp contact arrangements shown above are available. Coils are wound to specified resistances up to 58,000 ohms max. Sensitivity ranges from 15 mw min. (single pole) to 70 mw min. (double pole).

MR SERIES



Temperature Range:

DC —55°C. to +85°C.
AC —55°C. to +75°C.

Pull-in: Approx. 75% of nominal dc voltage; 78% of nominal ac voltage.

Weight: 4 ozs.

Dimensions: 2 31/32" long x 2 3/16" wide x 2" high.

Mounting: Two 3/16" dia. holes. Can be adapted for printed circuits.

CONTACTS:

Arrangements: Up to 3pdt.

Material: 3/32" dia. silver. (Others available).

Load: 8 amps @ 115 volts, 60 cycle, resistive.

COIL:

Max. Resistance: 34,500 ohms.

Power: 1.5 watts dc; 3.25 volt-amps ac. Will withstand up to 6 watts at 25°C.

Voltages: Up to 110 volts dc; up to 440 volts 60 cycle ac.

GENERAL SPECIFICATIONS:

Breakdown: 1500 volts, 60 cycle rms between all elements.

P&B STANDARD RELAYS ARE AVAILABLE AT YOUR LOCAL ELECTRONIC PARTS DISTRIBUTOR



POTTER & BRUMFIELD CANADA LTD.

GUELPH, ONTARIO

For further information mark No. 21 on our Readers' Service Card

CANADIAN ELECTRONICS ENGINEERING JUNE 1959

R-O-R ASSOCIATES

ELECTRONIC INSTRUMENTS AND PRECISION COMPONENTS

1959 PROGRESS REPORT



Stocks of the most popular precision components in the electronics field are now maintained in Canada, for immediate delivery, including:—

- Hughes Diodes
- Helipot Potentiometers
- I.E.R.C. Heat Reducing Shields

Our instrument service facilities have been improved and now include complete voltage and frequency standards. Every R.O.R. technician has been factory-trained and our service department is fully equipped to handle all types of instrument repair, calibration and overhaul.

More instruments are stocked, for demonstration at R.O.R. showrooms or in the field by our engineers and all instruments are available for trial, without charge.

Instrument rental is also an increasingly popular feature of R.O.R. service. Call or write for complete details.

Periodic mailings of technical publications and product information are keyed to your particular field of interest. Ask to have your name put on any of these lists.

Helipot "Helinews"	R.O.R. Instrument News
Sanborn "Right Angle"	R.O.R. Component News
Bruehl & Kjaer "Technical Review"	R.O.R. Master Catalogue

R.O.R. is the exclusive Canadian representative for these industry leaders:

Ballantine Laboratories
Electronic Voltmeters
Beckman/Berkeley
Counters, Computers
Bomax Laboratories
Microwave Tubes
Bruehl & Kjaer
Acoustic Instruments
Beckman/Helipot
Potentiometers
Hughes Aircraft
Semiconductors and Tubes
Kelk Stedivolt
Voltage Regulators
I.E.R.C.
MIL Tube Shields
Precision Instrument Co.
Tape Recorders
F. L. Moseley Co.
X-Y Recorders
Sanborn Co.
Graphic Recorders
Technical Products Co.
Wave Analyzers
Wandel & Goltermann
Carrier Test Equipment

Our communication facilities have been expanded with TELEX teletype service at R.O.R. Toronto & Montreal.

Toronto	Phone HI 4-4429 Telex 02-2508
West Toronto	Phone HU 1-7171
Montreal	Phone HU 1-0700 Telex 01-2227
Ottawa	Phone ZE 5-8200



R-O-R ASSOCIATES LIMITED
1470 DON MILLS RD., DON MILLS, ONT.

BOMAC...FIRST IN MICROWAVE TUBES AND COMPONENTS

What do you need — a single tube — or 50,000? A modification? A completely new component? Bomac is capable of meeting your needs.

Buyers know Bomac as one of the nation's largest designers and manufacturers in the highly specialized field of microwave tubes and components.

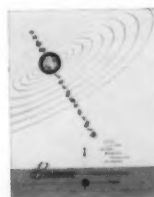
	ATR ... All standard types. Many more developed in our laboratories. Fixed-tuned — highly specialized as required: low Q, or high Q, miniaturized, special shapes and mounts.		SILICON DIODES The most sensitive, uniform and stable diodes (1N23D). Also available in matched pairs for X-band and S-band. Also supplied as mixer diodes with either normal or reverse polarity.		PRESSURIZING WINDOWS... for all wave guide sizes, broad band characteristics with low insertion loss, temperature range —55°C to 100°C and 30 lb./sq. in. gage pressure in either direction.		HIGH FREQUENCY TRIODE OSCILLATOR ... This triode, for oscillator use at high frequencies, is extremely reliable and will withstand high shock and vibration.
	TR ... A type for every known application — all bands — fixed-tuned or tunable — special types: shorted, dual and triple.		REFERENCE CAVITIES ... Detent with multiple frequencies and dual mode with fixed frequency. Temperature compensated to ± 0.3 MC from 0°C to 100°C.		KLYSTRONS ... Bomac offers a line of reflex klystrons. They offer maximum performance at high altitudes without pressurization.		NOISE SOURCE TUBE ... A gas discharge tube for use as a noise generator in noise measuring test equipment.
	SHUTTERS... Bomac was first to develop shutter tubes and integral TR combinations for continuous crystal protection. All waveguide sizes available.		DUAL TR TUBES... Bomac manufactures a complete line of dual tubes for all duplexer applications.		MAGNETRONS... High frequency, tunable and fixed-tuned magnetrons are a Bomac specialty. Frequencies from X band to classified millimeter bands. Special types designed to meet your requirements.		DUPLEXERS... Bomac will design, develop, and produce complete duplexers to customer specifications.
	PRE-TR ... Wherever attenuation is required in the duplexer before the TR, pre-TR's are available. Will operate as high as 10 megawatts.		SURGE PROTECTORS... Bomac surge protectors are hold-off diode tubes. In a wide range of breakdown voltages: from 100 to 33000. Consult our engineering department for your applications.				

For more information . . .



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1470 DON MILLS RD., DON MILLS, ONT.

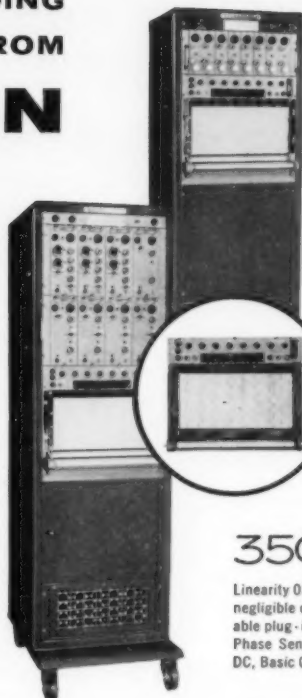


write for Bomac's free, 6-page file-size folder containing details and specifications on more than 500 different microwave tubes and components.

VERSATILE, RELIABLE OSCILLOGRAPHIC RECORDING INSTRUMENTATION FROM SANBORN

150 VERSATILE, ECONOMICAL — 1 to 8 channels DC to 100 cps — "150" Series

Over-all linearity better than 1%; basic sensitivity from 10 uv/div. to 0.1 volt/div., depending on pre-amplifier. Current feedback driver amplifier and regulated power supply for each channel; amplifiers, recorder available in individual portable cases. Front ends include AC-DC, Carrier, Servo Monitor (demodulator), DC Coupling, Log-Audio, Low Level Stabilized DC, AC Wattmeter, RMS Volt/Ammeter, 400 Cycle Frequency Deviation, Frequency Meter, and Triplexer 3-channel electronic switch.



850 MINIMUM PANEL SPACE, SIMPLER PREAMPS — 6 or 8 channels, DC to 150 cps — "850" Series

Comparable performance to "350" System; uses same Recorder-Power Amplifier unit; modules of up to 8 plug-in preamps occupy 7" of panel space; total panel space only 24 1/2"; cabinet 60" high. Available preamps include Carrier (separate MOPA required), Phase Sensitive Demodulator, DC Coupling, Basic Chopper (MOPA required), with others in development.

BASIC "350"/"850" 6- and 8-CHANNEL RECORDER-AMPLIFIER UNIT

Integral recorder package has transistorized, current feedback Power Amplifiers and voltage regulated power supply; nine electrically controlled pushbutton chart speeds, with provision for remote control; automatic over-all and individual stylus heat control; time-code marker; low impedance, low voltage galvanometers with enclosed construction; true velocity feedback damping at all times, limiting ahead of output circuit; inkless, rectangular coordinate recording on Permapaper charts, easily loaded from the front.

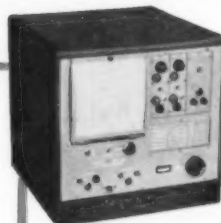
350 MAXIMUM PERFORMANCE VERSATILITY — 6 or 8 channels, DC to 150 cps — "350" Series

Linearity 0.5%; improved current feedback power amplifiers, negligible drift; total panel space only 38 1/2"; interchangeable plug-in preamplifier types include Carrier, DC Coupling, Phase Sensitive Demodulator, True Differential Wide Band DC, Basic Chopper, with more to follow.



SIMPLIFIED 6- or 8-CHANNEL SYSTEM — 5 volts full-scale

Model 358-5480 system for computer readout, telemetry recording, DC voltage monitoring and similar applications requiring no preamplification. Uses 350 system recorder providing moderate sensitivity, good linearity and gain stability.



HIGH SPEED OPTICAL X-Y RECORDER — flat response to 100 cps, writing speeds to 2500"/sec.

Can record such rapidly changing variables as acceleration and vibration of mechanical elements, transistor characteristics, etc. Mirror-galvanometers and a light beam produce recording traces on ultraviolet-sensitive 8" x 8" direct-print paper that develops immediately by exposure to normal room light. Interchangeable "850" system preamplifiers are used for each axis; new preamps and time base generator now in development allow a wide variety of applications.

LINEAR MOTION TRANSDUCERS

... to measure displacement

"PROBE" STYLE — complete, for 150, 350 or 850 Series Carrier Amplifiers; linearity 0.5%; stroke range $\pm 0.050"$; sensitivity 50 chart div deflection/0.001" displacement.

LINEARSYN — differential transformer; strokes from $\pm 0.005"$ to $\pm 10.000"$; high sensitivities. Six standard series, five models in each series.

... to measure velocity

LVsyn — strokes to 9"; output sensitivities from 35 to 650 mv/inch/sec. Twelve standard Models, with regular or unbreakable cores.



SELF-CONTAINED "450" UNIT AMPLIFIERS

Versatile "350" Series preamplifiers with individual power supplies in portable cases; for driving 'scopes, optical oscillographs, tape recorders, etc. Available in "450" cases or four-unit modules in 19" frame for rack mounting. One "450" case and power supply can serve any "350" preamp.

For complete descriptive information on these and other Sanborn precision instruments, write to the Industrial Division in Waltham or contact your local Sanborn Sales-Engineering representative.



R-O-R ASSOCIATES LIMITED
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HIGH PERFORMANCE COMPONENTS & INSTRUMENTS

Now available to you . . . through a domestic distributor . . . is a wide range of reliable, high performance Hughes instruments and components. Backed by the brain power of over 5,000 Hughes engineers and scientists these devices feature unmatched performance—even under severe environmental conditions.

As appointed distributors of Hughes products in Canada, ROR Associates have a substantial inventory of Hughes components and instruments on hand and can make immediate deliveries. With factory trained sales and service engineers, ROR Associates is able to meet your needs quickly and offer technical assistance in solving your problems.



R-O-R ASSOCIATES LIMITED
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Diodes, Germanium—Quick recovery and high conductance quick recovery in a large number of individual types.

Diodes, Gold Bonded—Fast recovery plus high forward conductance, low reverse leakage, and high peak inverse voltage.

Diodes, Silicon—Two types available: 1. High temperature, good forward conductance, extremely high back resistance. 2. High speed, high voltage, high temperature.

Diodes, Voltage Regulator—High performance, voltage regulator diodes in glass envelope.

Diodes, Parametric Amplifier—Used in a 300 mc high gain parametric amplifier, have produced noise temp. low as 100°K (room temp.) . . . 50°K liquid nitrogen cooled.



Transistors, Germanium—NPN and PNP alloy junction transistors for high speed switching applications at low and medium current levels.

Transistors, Silicon—PNP alloy junction transistors, for switching and amplifying applications at low and medium current levels.

Transistors, Silicon Double-Diffused Mesa (DDMT)—High frequency transistor switches and IF amplifiers operable at low to medium current levels.

Direct view storage tubes—With infinite or controllable persistence for readout of pictures, numbers and letters, or transient recordings.

Rectifiers, Low Power—Voltage ratings up to 975 volts, low forward voltage drop, low back leakage.

Rectifiers, Medium Power—More power at lower junction temperatures; combination of high forward conductance and high breakdown voltage.

Microwave amplifiers—Low power Ku-band, medium power S-band, narrow band (S-band) voltage tuned.

Capacitors, Silicon—Tiny reliable devices whose capacitance is determined by the applied DC voltage. High Q, wide capacitance range.

Memo-scope® oscilloscope—Displays non-recurrent phenomena until intentionally erased.

Precision crystal filters—30 kc to 30 mc with fractional bandwidths of 0.01 to 6%.



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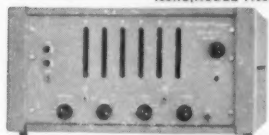
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CANADIAN ELECTRONICS ENGINEERING JUNE 1959

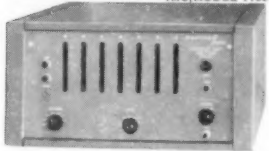
Beckman® / Berkeley Electronic Counters



100KC, MODEL 7150



1MC, MODEL 7160



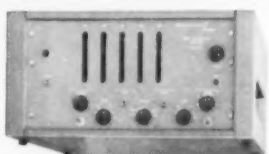
10MC, MODEL 7170

EPUT® METERS

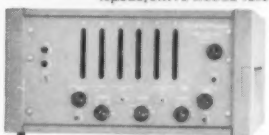
Long considered standard equipment for making rapid, precise frequency measurements, Berkeley EPUT meters are now available with over twenty standard modifications designed for an ever-broadening variety of applications. Most EPUT meters are equipped to make period measurements of low frequency signals.



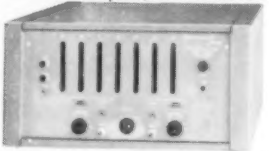
5210 PORTABLE
100KC



10μSEC, UNITS MODEL 7250



1μSEC, UNITS MODEL 7260



0.1μSEC, UNITS MODEL 7270

TIME INTERVAL METERS

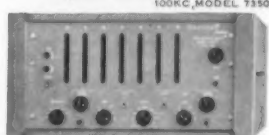
The full line offers meters of four degrees of precision ranging from a tenth of a millisecond to a tenth of a microsecond. Versatile 7000 Series instruments feature selectable sensitivity for noise discrimination, trigger level adjustable over a wide range, slope selection and very high input impedance.



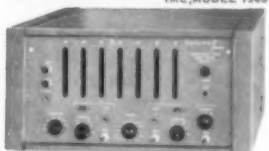
5220 PORTABLE, 100μSEC UNITS



100KC, MODEL 7350



1MC, MODEL 7360



10MC, MODEL 7370

UNIVERSAL EPUT AND TIMERS

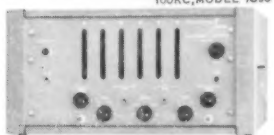
Combining the functions of an EPUT meter and time interval meter in a compact economical package, these instruments are widely preferred as general purpose laboratory equipment for precise frequency and time measurement. Universal instruments feature as many as ten distinct operating functions.



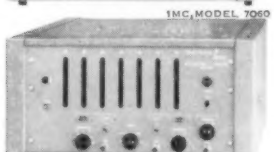
5230 PORTABLE



100KC, MODEL 7050



1MC, MODEL 7060



10MC, MODEL 7070

GATING COUNTERS

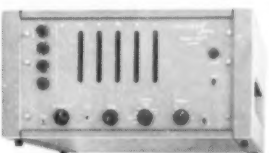
The counting interval of these instruments can be accurately controlled by a broad variety of input signals. Widely useful as a systems building block, several of these units will perform as EPUT meters or time interval meters when operated in conjunction with an independent source of time signals.



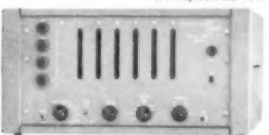
MODEL 8804

INDUSTRIAL TOTALIZING COUNTERS

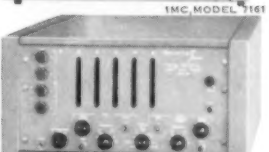
Berkeley makes rugged counters with top speeds from 125 cps to 10,000 cps and capacities up to one billion counts. Model 5805 utilizes miniature magnetic amplifiers for long-term trouble-free operation.



100KC, MODEL 7151



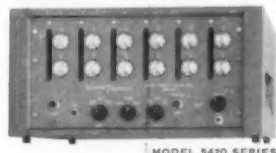
1MC, MODEL 7161



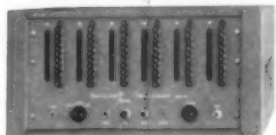
1MC UNIV., MODEL 7351

PRESET EPUT METERS

These instruments will create direct digital indications of rotating speed, flow, pressure, temperature and similar physical quantities in any desired units—for example, rpm, gals/sec, psi, etc. Direct indication is made possible by a counting interval variable over a wide range in small increments.



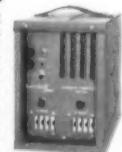
MODEL 5420 SERIES



MODEL 5440 SERIES

COUNTER-CONTROLLERS

Counters which deliver output signals when selected numbers are reached are widely used for precise control of diverse operations. Output signals may be relay closures, sharp voltage pulses or changes in dc level. 5400 Series instruments operate at speeds up to 40,000 counts per second and deliver output signals at one or two preset totals. 5800 Series controllers utilize miniature magnetic amplifiers for maximum reliability in industrial control applications. Operable at speeds up to 5000 counts per second, these units are obtainable with from 1 to 12 preset points.



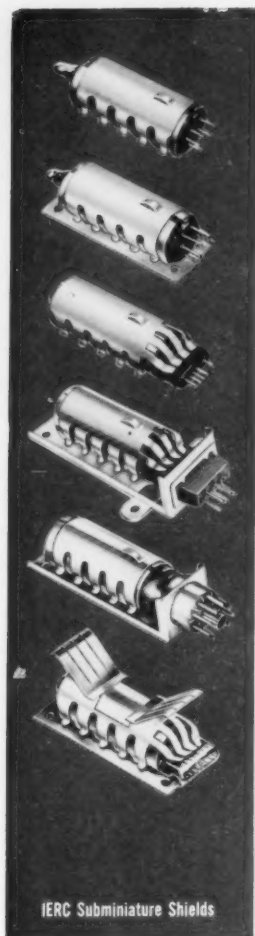
MODEL 8820 SERIES

T4-2



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1470 DON MILLS RD., DON MILLS, ONT.

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IERC Subminiature Shields



IERC Military "B" Type Miniature Shields
Meets MIL-S-9372B (USAF) Meets MIL-S-242A (SHIPS)



IERC Miniature Hardmount Shields

AVAILABLE IN CANADA!*



IERC "TR" Shields
Meets MIL-S-19786A (NAVY),
MIL-S-9372B (USAF), SCL-6307/2 (SIG. CORPS.)



IERC Octal / Power Shields

IERC Heat-Dissipating Electron Tube Shields

give maximum cooling, retention, shock protection and longest tube life!

Make it a point to investigate IERC Heat-dissipating Tube Shields—immediately available in a wide selection to meet every electronic equipment requirement. IERC shields are the only commercially available shields which actually meet or exceed specifications for military applications by providing greatest reduction of electron tube bulb operating temperatures, maximum vibration and shock protection plus compatibility with all tube diameter tolerances. All IERC Heat-dissipating

Tube Shields are of an exclusive, patented, time-proven design and are the most widely preferred make for new electronic equipments as well as for extensive equipment retrofitting programs. Design, development and engineering facilities offered by IERC are the most experienced, complete group available.

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145 West Magnolia Boulevard, Burbank, California

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WRITE for FREE, Revised Edition of the famous IERC Tube Shield Guide. Over 1,200 electron tube and tube shield combinations added to last edition. The best guide to effective tube cooling—top reliability!



R-O-R ASSOCIATES LIMITED
1470 DON MILLS RD., DON MILLS, ONT.

Manufactured in England by Garrard Engineering and Mfg. Co., Ltd., Swindon, England

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CANADIAN ELECTRONICS ENGINEERING JUNE 1959

BALLANTINE

ELECTRONIC VOLTMETERS

Famous for
ACCURACY - STABILITY
SENSITIVITY

Each Ballantine Voltmeter has only one voltage scale, with decade range switching, which provides the same accuracy of reading at all points on the logarithmic voltage scale. A linear decibel scale is also provided for use by acoustical engineers. Each Voltmeter also may be used as a high gain wide band amplifier.



AUDIO to 250 kc MODEL 300D

Voltage Range 1 mv — 1000 v
Frequency Range 10 cps — 250 kc
Accuracy 2% ENTIRE RANGE
Input Impedance 2 meg shunted by 15 uuf

SUB-AUDIO to 150 kc MODEL 302C

Battery Operated

Voltage Range 100 μ v — 1000 v
Frequency Range 2 cps — 150 kc
Accuracy 3% 5 cps — 100 kc
5% elsewhere

Input Impedance 2 meg shunted by 10 uuf*

*Shunt capacitance, 25 uuf on two most sensitive ranges



PEAK-to-PEAK MODEL 305

Voltage Range 1 mv — 1000 v pk-to-pk
Frequency Range 10 cps — 100 kc (sine wave)
Pulse Width 3 μ sec — 250 μ sec
Min Rep Rate 20 pulses per sec
Accuracy 5% for pulses
Input Impedance 2 meg shunted by 8 uuf*

*Shunt capacitance, 15 uuf on two most sensitive ranges

AUDIO to 2 mc MODEL 310A

Voltage Range 100 μ v — 100 v
Down to 40 μ v at reduced accuracy
Frequency Range 10 cps — 2 mc
As null detector 5 cps. — 4 mc
Accuracy 3% 15 cps — 1 mc
5% elsewhere

Input Impedance 2 meg shunted by 9 uuf*

*Shunt capacitance, 19 uuf on two most sensitive ranges



AUDIO to 6 mc MODEL 314

Voltage Range 1 mv — 1000 v
(100 μ v — 1 mv without probe)
Frequency Range 15 cps — 6 mc
Accuracy 3% 15 cps — 3 mc
5% elsewhere

Input Impedance 11 meg shunted by 8 uuf
(1 meg shunted by 25 uuf without probe)

INFRASONIC to 30 kc MODEL 316

Voltage Range 20 mv — 200 v pk-to-pk
Frequency Range 0.05 cps — 30 kc
(Down to 0.01 cps with correction)
Accuracy 3% ENTIRE RANGE
Input Impedance 10 meg shunted by 17 uuf
or 40 uuf depending on setting



TRUE RMS INDICATION MODEL 320



Voltage Range 100 μ v — 320 v
Frequency Range 5 cps — 500 kc
Accuracy 3% 15 cps — 150 kc
5% elsewhere
Stability of Internal Calibrator 0.5%
Input Impedance
10 meg shunted by 18 uuf below 10 mv
10 meg shunted by 8 uuf above 10 mv

DC & AC PRECISION CALIBRATOR MODEL 420

Voltage Range 0-10 v RMS; Pk-to-Pk; or DC
Frequency (Std. Model) 1 kc
(other values on special order)
Accuracy (long term) Better than 0.5% above 1 mv
Distortion and Hum Less than 0.25%
Setting Resolution Approaches 0.01% above 10 mv
Output Impedance (AC) 2-20 ohms depending
on range setting



SENSITIVE INVERTER MODEL 700

For Measuring DC Voltages when
combined with any AC Voltmeter

Voltage Range 1 μ v — 100 v DC
Ratios DC Input to RMS Output 1:100 & 10:1
Accuracy 1% 100 μ v — 100 v
Input Resistance >10 meg for 1:100
50 meg for 10:1

DECADE AMPLIFIER MODEL 220B

For Increasing the Sensitivity of any
AC Voltmeter by 10 or 100 times

Voltage Range 20 μ v — 50 mv
Frequency Range 10 cps — 150 kc
Accuracy 2% ENTIRE RANGE
Input Impedance 5 meg shunted by 15 uuf



DIRECT READING CAPACITANCE METER MODEL 520



Capacitance Range 0.01 μ f to 12 μ f
in 9 decade ranges covering over a billion to 1
Accuracy 2% above 0.1 μ f
5% below 0.1 μ f
Capacitor Power Factor 0.15
Test Frequency 1 kc

ACCESSORIES are available for all voltmeters to extend voltage measurements down to 20 μ v and up to 10 kv, and to measure currents from 0.1 μ amp to 10 amp, and to provide DC from the Model 300 Voltmeter to drive external recorders or remotely located meters.

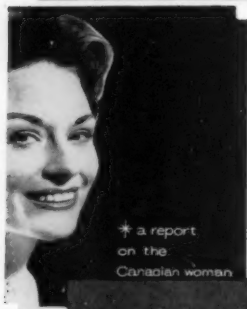
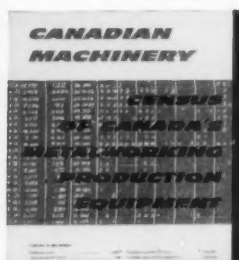
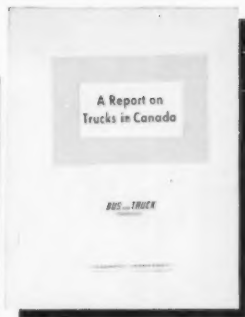
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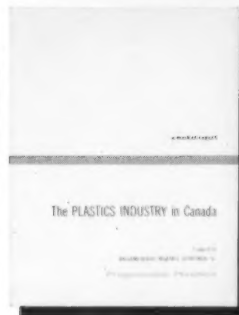
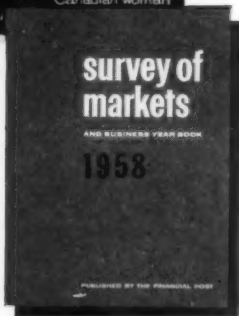
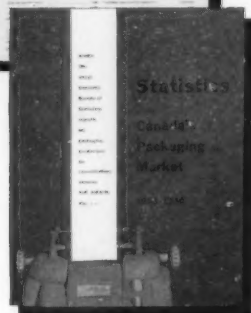
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EIA REGISTERED TYPES WITH:

- Improved seal for long life.
- Saturation voltage less than 1 Volt at increased maximum rated current of 15 amperes.
- Average thermal resistance 0.7°C per watt.
- Current gain controls: 60-150 at 5 amperes.
- 100% test for resistance to transient burn out.
- Either standard pins or solder lugs.

TECHNICAL DATA

Typical Electrical Characteristics at 25°C

	2N1147 2N1146 Series has standard pins	2N1147A 2N1146A	2N1147B 2N1146B	2N1147C 2N1146C
Collector to Emitter Voltage Shorted Base (IC = 1 amp)	30V (Min)	40V (Min)	60V (Min)	75V (Min)
Saturation Voltage (IC = 15 amps)	1.0V (Max)	1.0V (Max)	1.0V (Max)	1.0V (Max)
DC Current Gain (IC = 5 amps)	60-150	60-150	60-150	60-150
DC Current Gain (IC = 15 amps)	35	35	35	35
Absolute Maximum Ratings				
Collector Current	15 amps	15 amps	15 amps	15 amps
Collector to Base Voltage	40V	60V	80V	100V
Collector to Emitter Voltage	40V	60V	80V	100V
Power Dissipation at 70°C				
Case Temperature	25W	25W	25W	25W
Junction Temperature	95°C	95°C	95°C	95°C

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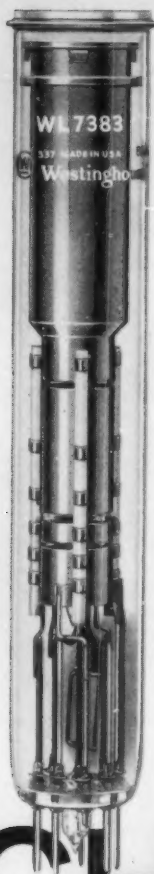
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*Westinghouse tube engineering...
serving the nation through imagination*

THIS IS THE PERMACHON..

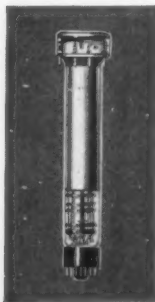


a new concept in storage tubes

The Permachon is a new class of tube which will store an image written optically or electrically, and will scan out many copies of that image. Stored resolution is extremely high for the size of target, and is not limited by storage mesh as in conventional storage tubes.

The WL-7383 1" Permachon stores a resolution of 500 lines per diameter (by shrunken raster method) and eight shades of gray. It will operate in a standard vidicon camera. Optical images of vidicon quality can be stored and over 10,000 copies read out at 30 copies per second.

The WL-7411 3" Permachon stores an image exceeding the resolution of the image orthicon, and eight shades of gray. It will operate with standard image orthicon components. Storage and read-out are comparable to the WL-7383.



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CANADIAN ELECTRONICS ENGINEERING JUNE 1959

when rf power must be absorbed or accurately measured...



"ThruLine"

DIRECTIONAL RF WATTMETERS

Direct reading... "thru" type... for measuring forward or reflected power in complete systems under operating conditions... inserted between transmitter and antenna or load... full scale power and frequency range determined by plug-in elements.

Model	Line	Impedance	Frequency	ELEMENTS	Power	Connector
43	RG-8/U etc.	50 ohms	25-60; 100-250; 400-1000 mc	50-125 250-500; 500 W	10; 25; 50; 100; 250; 500 W	N; C; HN; UHF
4712	1½	50 ohms	200-500 400-1000 mc	.5; 1.0; 1.5; 2.5; 5.0 KW		Rtma Std.
460	¾	50 ohms	200-500 mc	1; 2.5; 5; 10		Flange
480	¾	51.5 ohms	400-1000 mc	25; 50 KW		Sleeve
490	6¼	51.5 ohms	200-500 mc	25; 50 and 100 KW		Bullet

COAXIAL RF FILTERS



Designs utilize both distributed and lumped constant... insertion loss and VSWR are very low in pass band... high attenuation in stop band... new miniature filters as light as 5 ounces. Will produce in quantity to your specs.

	Low Pass	Low Pass	Low Pass	Low Pass	High Pass	Band Pass
Models	5310	5311	522	819-1200	530	5131
Cut Off	90 mc	160 mc	400 mc	1200 mc	420 mc	45 mc & 105 mc
Stop Band	100-180 mc	180-320 mc	500-1200 mc	1900-4000 mc	100-375 mc	33.7-39.7 mc 120-1800 mc
Max. Power	100W	100W	150W	3.5KW	50W	25W
Min. Stop Band Atten.	55db	55db	55db	40db	60db	25db 40db
VSWR in p.b.	1.5	1.5	1.35	2 to 1	2.5	1.6
Connectors	Female N		Male-Female N			Female BNC

*Chart shows characteristics of typical filters

50 OHM NOMINAL

You will find dependable coaxial line instruments and accessories at Bird Electronic. Specialization in this field, backed by a constantly growing engineering staff and enlarged physical facilities, has resulted in the continuous development of new designs to meet specific requirements. If you are searching for more than a standard product for field or laboratory use, turn to Bird Electronic. Our years of experience in this field may assist you in the solution of your problem.

"Termaline" RF ABSORPTION WATTMETERS

Portable... direct reading... non-radiating "load" type wattmeter... used in field or laboratory to measure and absorb power... accuracy $\pm 5\%$ of full scale... VSWR 1.1 to 1 maximum over operating range.

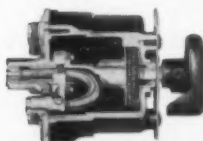
Model	Freq. Range	Max. Power	Power Range Scales	Input Connector
611	30-500 mc	60W	0-15; 0-60	Female N
612	30-500 mc	80W	0-20; 0-80	
67	30-500 mc	500W	0-25; 0-100; 0-500	Coplanar with Adapter to UG-21/U (optional) RG-17 & RG-19 cable assemblies; adapters to rigid lines
67C*	30-500 mc	2500W	0-100; 0-500; 0-2500	
824*	30-220 mc	5000W	0-5000	

*Water cooled (other available models described in specification sheets)



COAXIAL SWITCHES

Small compact design permits the "Coaxswitch" selector to be incorporated into many electronic units where repeated channel switching is required. Finger-tip operation: pull knob, rotate and push in to make contact.



Model	74	718	72R	62-2
Positions	Six	Eight	Reversing Switch	Two
Coaxial Circuits	One	One	Two	Two
Connector	Type N female connectors are standard on all models to receive UG-21/U series plug. Use adapters with other cables and connectors.			

"Termaline" RF LOAD RESISTORS

Reflection-free terminations for 50 ohm coaxial lines... low VSWR... non-radiating... water cooled ratings 2500 W to 50 KW... air cooled rating to 1500 W.



Model	Max. Power	Freq. Range	Max.* VSWR	Connector
80	5W	0-1KMC	1.1	"N", "C", "BNC"
80A	20W	0-500MC	1.1	N Female
81	50W	0-1KMC	1.1	
81B	80W	0-1KMC	1.1	
82A	500W	0-1KMC	1.1	Coplanar with Adapter to UG-21/U
883	1.2KW	0-1KMC	1.1	LC
888	1.5KW	0-1KMC	1.1	3/4" Flanged

*Other VSWR requirements can usually be met by special selection.

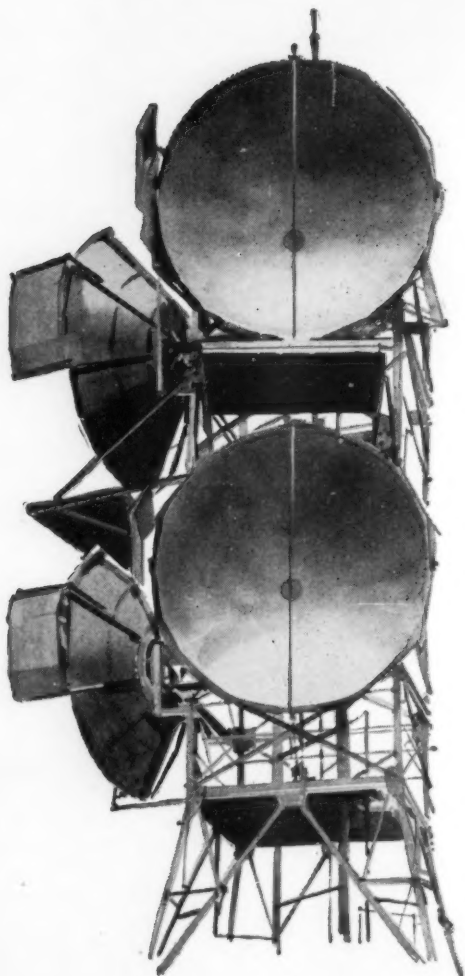
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Experience gained in the planning, the manufacture, and the installation of S.H.F. links throughout the world makes *STC the leaders in microwave radio systems.*

7000 Mc/s S.H.F. LINK

STC 7000 Mc/s F.M. S.H.F. radio link is designed for use on feeder routes and is capable of carrying several telephone supergroups or television. Facilities can be provided for interworking with other radio links or with coaxial cable systems.

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Comprehensive line of electronic test equipment DC through micro wave.

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Wide range of DC instrumentation and closed circuit television.

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Transmission line test equipment.

Tel-Instrument Electronics Corp. —

Voltage regulators and vibration calibrators, TV test equipment.

Erik A. Lindgren & Associates —

R. F. Screen rooms.

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Electronic Instrumentation systems.

Skydyne, Inc. —

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**Watch for the Atlas TRAVELAB
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features the latest in electronic
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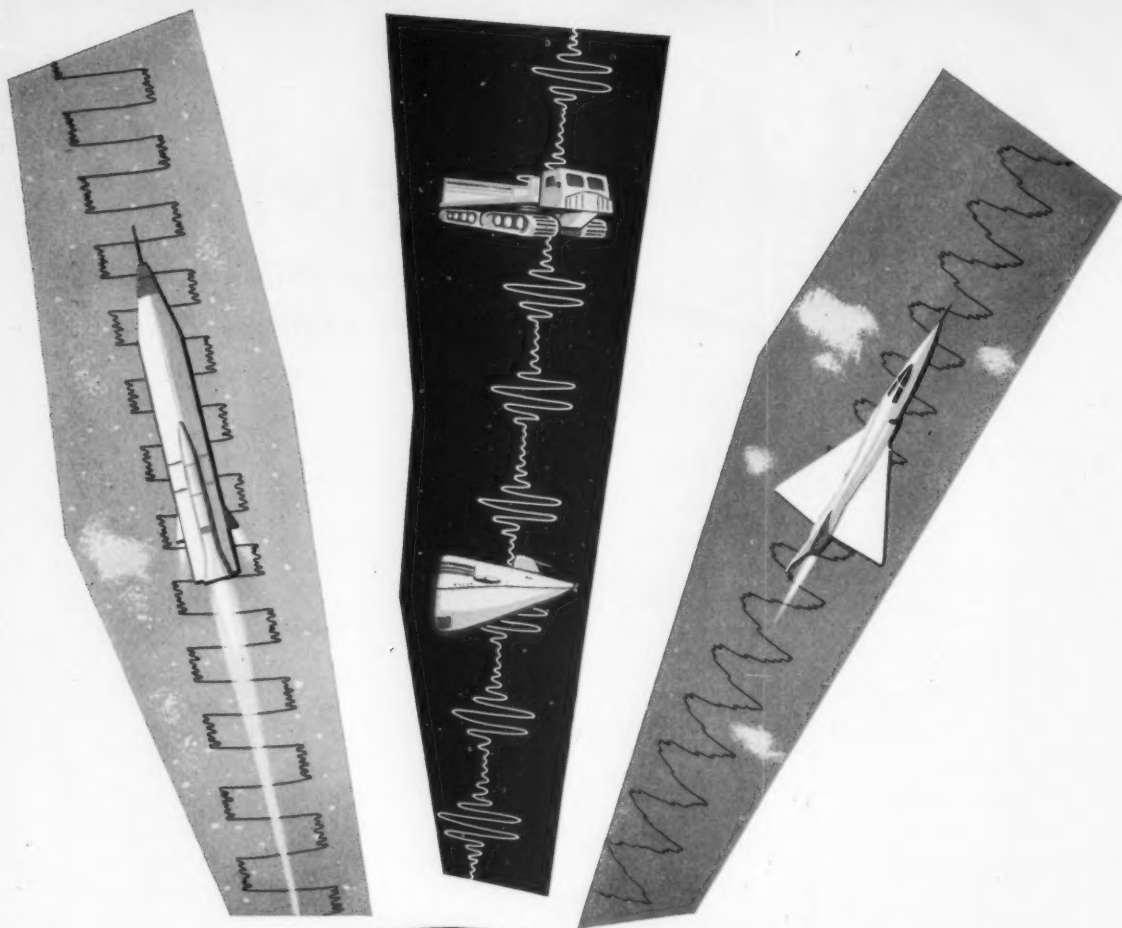
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LORD is a diversified, capable technical organization, supported by modern facilities and prepared to complete challenging assignments in controlling vibration, shock and noise.

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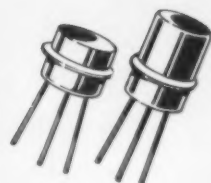
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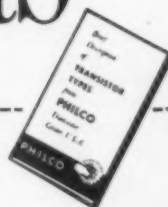
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CANADA LIMITED,
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TEKTRONIX TYPES 545A, 541A, 535A & 531A

Redesigned for:

EASIER OPERATION

Simplified Panel Layout.
Color-Correlated Controls.
Single-Knob Sweep Time Control.
Simplified Display Control.
Internal Triggering for Sweep Delay.
Single-Knob Calibrator Control.
Improved One-Shot Sweep Operation in Types 535A and 545A.

HIGHER PERFORMANCE

New DC-to-15 MC Vertical Amplifiers in Types 531A and 535A.
New Wider Sweep-Delay Range in Types 535A and 545A.

GREATER RELIABILITY

New Frame-Grid Twin Triodes Replace Older Types.
Silicon Rectifiers Replace Selenium in Power Supplies.



Type 545A

Fast-Rise Oscilloscope with Sweep Delay

VERTICAL SPECIFICATIONS

DC-to-30 MC passband, 12- μ sec risetime, 50-mv/cm deflection factor with Type K Plug-In Preamplifier.

Many other plug-in units available for specialized applications. Signal delay permits observation of leading edge of waveform that triggers the sweep.

HORIZONTAL SPECIFICATIONS

Two Time-Base Generators—

Time Base A—0.1 μ sec/cm to 5 sec/cm in 24 calibrated steps.

Continuously adjustable from 0.1 μ sec/cm to 12 sec/cm.

5x magnifier increases calibrated range to 0.02 μ sec/cm.

Single sweep provision for one-shot applications.

Time Base B—Also functions as a sweep delay generator. 2 μ sec/cm to 1 sec/cm in 18 calibrated steps.

Sweep Delay—Two modes of operation

Triggered—Delayed sweep started by signal under observation. Steady display, even of signals with inherent jitter.

Conventional—Delayed sweep started by delayed trigger. Time jitter less than one part in 20,000.

Range of Delay—1 μ sec to 10 sec in 18 calibrated ranges, each range divisible into 1000 parts by 10-turn control with incremental accuracy of 0.2%.

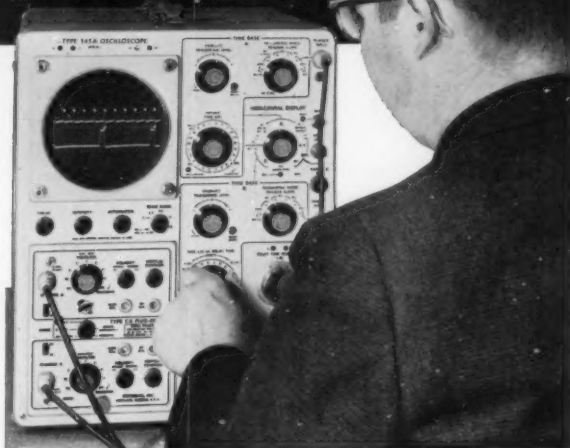
OTHER CHARACTERISTICS

10-KV Accelerating Potential

Amplitude Calibrator—0.2 mv to 100 v.

Electronically-Regulated Power Supplies

Price—Type 545A, without plug-in units. \$1550



Type 541A Fast-Rise Oscilloscope

Same as Type 545A, except that it does not have Time-Base B or provision for sweep delay or single sweeps.

Price—Type 541A, without plug-in units. \$1200

Type 535A Wide-Band Oscilloscope with Sweep Delay

Same specifications as Type 545A, except for main vertical amplifier. DC-to-15 MC passband, 23- μ sec risetime, 50-mv/cm deflection factor with Type K Plug-In Preamplifier.

Price—Type 535A, without plug-in units. \$1400

Type 531A Wide-Band Oscilloscope

Same as Type 535A except that it does not have Time-Base B or provision for sweep delay or single sweeps.

Price—Type 531A, without plug-in units. \$995

Rack-Mounting Models Also Available

Prices f.o.b. factory

Tektronix, Inc.

P. O. Box 831 • Portland 7, Oregon

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CANADIAN FIELD OFFICE:

3 Finch Avenue East, Willowdale, Ontario

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with **ELDICO**

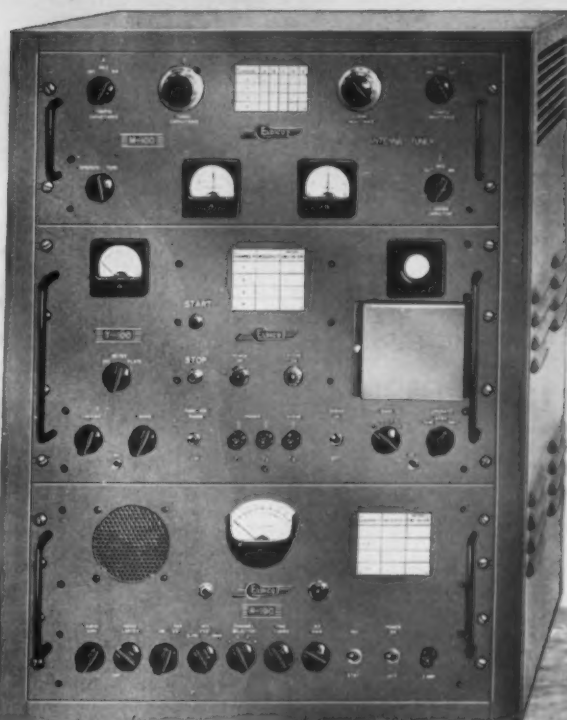
SINGLE SIDEBAND COMMUNICATION SYSTEMS

Offering a wide range of output powers for SSB, AM and CW operation, these Eldico systems are compatible with your existing equipment.

Many hundreds of installations for police, public utilities, military, airlines, oil companies, and others, prove their reliability and flexibility.

The S-100 system features "Set and Forget" controls and can be matched to any antenna. Built-in test facilities for easy servicing are provided.

The equipment listed shows the series covering the range 2.2-30 mc/s. Its flexibility enables additional units to be added as required.



BASIC UNITS	TYPE	S-100A	S-100	S-102	S-105
100 Watt Transmitter 4 channels	T-100	1	1	1	1
Receiver 4 channel	R-100	1	1	1	1
1 KW Linear Amplifier	L-100				1
Power Supply for 1 KW unit	P-100				1
Antenna Tuning Unit	M-100		1		
Frequency Shift Keyer	M-104			1	
Frequency Shift Converter	M-105			1	
Remote Control Unit	M-115				
Microphone Bias Unit	M-102	1	1	1	1

Radio Engineering Laboratories, Eldico Division, announces that its HF SSB equipment is now available in Canada through The Ahearn and Soper Company Limited.



A&S... stands for Assured Satisfaction

AS 597

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384 Bank Street • Ottawa • Canada

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for subminiaturization of printed and conventional circuitry



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If you're looking for new design freedom, new performance highs under severe environmental conditions, why not investigate the many advantages of JFD Trimmers? If your requirements can't be met from our current models, we'll be glad to produce according to your specifications. Write for the new JFD Piston Capacitor File Folder for detailed electrical and mechanical data.



PRECISION ELECTRONIC COMPONENTS for Space-Challenging Demands!

SEALCAPS

New JFD air-tight, water-tight Miniature Quartz Sealcaps seal out moisture, seal in reliability and accuracy, regardless of atmosphere. Combine characteristics of new Sealcap construction and miniature quartz capacitor design. Eliminates corona and voltage breakdown at high altitude. Sealcap design prevents formation of moisture inside unit. Quartz design provides high Q, ultra-low loss high frequency operation, greater stability and approximately zero temperature coefficient. Available unpotted or encapsulated for higher dielectric strength. For complete data write for Bulletin No. 215A. Also available in glass dielectric (bulletin 207B)



LC TUNERS

Combine variable inductor and capacitor in one compact unit. Affords more circuit in less space, better reliability, greater economy, faster assembly, smaller size and weight. Use of glass or quartz dielectric assures a low temperature coefficient. Flexibility in design to suit circuit requirements. The number of turns, types of windings, size and type of capacitor plates, Q and other parameters can be designed to suit individual circuit requirements.

Write for Bulletin No. 216 listing standard and panel circuit mounting types now available.



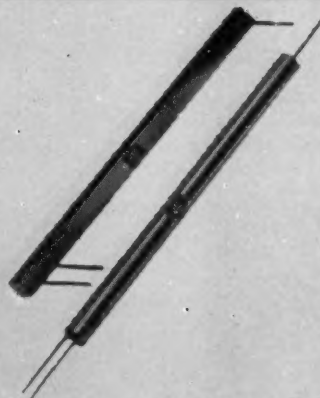
DELAY LINES

Designed for applications calling for short delay intervals, the new lines offer a high ratio of delay to pulse rise time, in minimum space. Available for printed circuit assembly or for conventional mounting, JFD distributed constant Delay Lines meet all military requirements. They can also be modified or custom-designed to meet your most rigid specifications. JFD lumped constant Delay Lines can also be designed to suit your requirements.

Characteristics: Precise pulse fidelity; operating temperature range of -55°C to $+125^{\circ}\text{C}$; excellent temperature stability; rugged encapsulated construction resists environmental moisture, humidity, shock and vibration; linear phase shift; 0.1 inch grid spacing for printed board types; attenuation of approximately 1 db per μsec .

Write for Bulletin 213A providing complete electrical and mechanical data. Also—lumped constant Delay Lines to your specifications.

These are a few examples of JFD creative engineering to solve today's problems and tomorrow's applications. For information or engineering assistance on specific tuning or pulse circuitry needs, call or write today.



Pioneers in Electronics since 1929

ELECTRONICS CORPORATION

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JFD Canada Ltd.
51 McCormack St.
Toronto, Ontario, Canada

JFD International
15 Moore Street
New York, New York

(PATENTS PENDING)

For further information mark No. 38 on our Readers' Service Card

CANADIAN ELECTRONICS ENGINEERING JUNE 1959

the most powerful data processing system in its field

First fully transistorized IBM computer, the new IBM Seven-O-Seventy provides remarkable operating features for both business and science. Capable of handling complex calculations and everyday accounting problems, the IBM 7070 saves time, work and money.

Transistor design reduces space requirements, lowers initial costs and keeps your operating costs low. Also, it can give you information on your business previously imprac-

tical to obtain because of the cost. This helps you make decisions faster and helps you plan the growth of your business on a sounder, more factual basis.

And unexcelled IBM services—ranging from program planning to personnel education—work for you, helping to speed profitable operation and bring a maximum return on your data processing investment. For more complete information on the new IBM 7070 call an IBM representative today.

IBM

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BRANCH OFFICES IN PRINCIPAL CITIES ACROSS CANADA



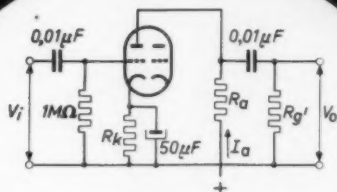
THE TRANSISTOR, BASIC ELECTRONIC COMPONENT OF THE NEW IBM 7070,
PERMITS LOWER INITIAL COST, LOWER OPERATING COST

NEW IBM

7070

For further information mark No. 39 on our Readers' Service Card

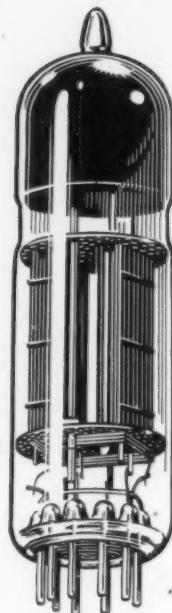
New **ROGERS** 6085 special quality Twin Triode gives long life to new equipment



Required specification:

Bogey tube transconductance 2700. Initial tolerance no more than ± 500 . Tube transconductance after 10,000 hours no less than 1800. Negative grid current after 10,000 hours no more than 1 μ A.

Solution: use 6085.



6085

Rogers 6085 Special Quality Twin Triode was especially designed for professional and industrial equipment where long life, close tolerance and reliability are required. The initial transconductance is 2700 ± 500 and drops to no less than 1800 after 10,000 hours use. To insure long tube life the fully ruggedized Rogers 6085 combines narrow specified tolerances, excellent consistency between sections, double micas and precision shrunk bulb. The 6085 is also recommended as a long life replacement for 12SN7GT and 6SN7GT when used with available adapter sockets. **Another first by Rogers.**

ROGERS

electronic tubes & components

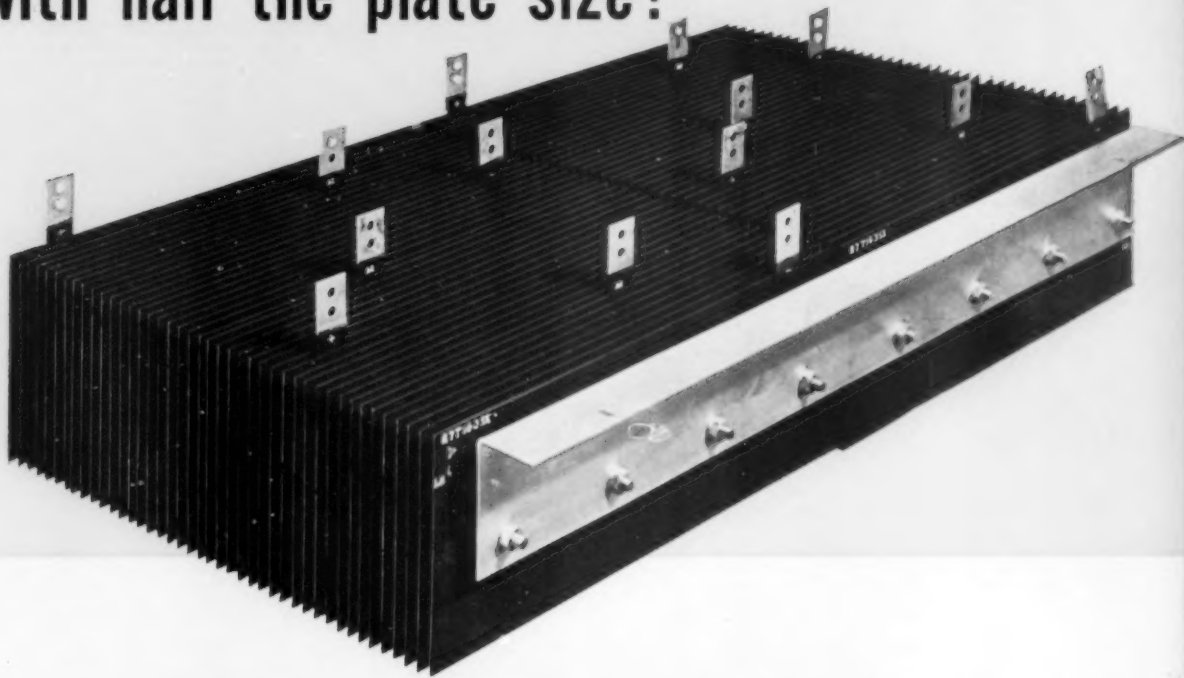
A DIVISION OF PHILIPS ELECTRONICS INDUSTRIES LTD.
116 VANDERHOOF AVENUE, TORONTO, ONTARIO / BRANCHES: MONTREAL, WINNIPEG, VANCOUVER

★ Rogers Electronic Tubes are sold through Canada's Independent Electronic Parts Distributors

For further information mark No. 40 on our Readers' Service Card

CANADIAN ELECTRONICS ENGINEERING JUNE 1959

CLM'S New (HCD) Selenium Stacks deliver normal current ratings with half the plate size!



This machine deposits selenium under high vacuum on base plates.

A manufacturing process, recently developed by CLM, has made it possible to use the rectifying properties of selenium more fully. CLM rectifiers will carry twice the current per unit area of conventional selenium rectifiers, because of their superior electrical characteristics, extremely low losses and high efficiency. The new technique uses specially developed high vacuum equipment to deposit a thin selenium layer of great uniformity on the base plate. It also features a new rectifier junction of a p-n structure. Accelerated life tests indicate stable performance of the new rectifier stacks and a life expectancy of 100,000 hours.

Current ratings are approximately double those formerly established by NEMA. CLM (HCD) selenium stacks are available in 13 different plate sizes ranging from 1" x 1" to 6" x 16". Efficiencies are exceptionally high, over a wide range of load.

CLM-HCD-SELENIUM stacks cannot be destroyed by transient currents and voltages and, therefore, do not need additional protective devices. They can be

operated within a temperature range of -60°C to $+75^{\circ}\text{C}$ ambient with negligible changes of reverse leakage and forward drop.

Extra HCD plates are available at 3 and 4 times NEMA for special applications.

For bulletin SR-15-1 write Jack West, Product Manager, Rectronic Division, Canadian Line Materials Limited, Toronto 13, Canada.

HIGH CURRENT DENSITY (HCD) SELENIUM RECTIFIERS



CANADIAN LINE MATERIALS LIMITED

TORONTO 13, CANADA

BURNDY

Connectors

Components

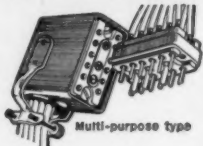
Compression Tooling

FOR SOLDERLESS RELIABILITY

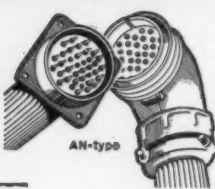
PLUG and RECEPTACLE CONNECTORS



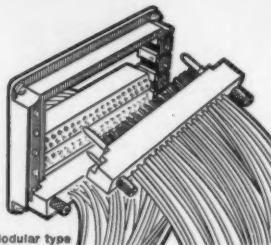
Miniature MS-type



Multi-purpose type



AN-type

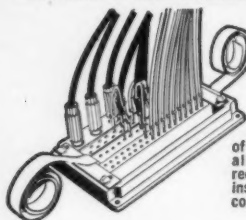


Feed-through, Modular type

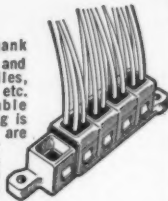
With Crimp-type, Snap-Locked Contacts

HYFEN—Crimp-type connectors permit the design of lighter, more compact equipment. Contacts can be removed, re-inserted or replaced. Designed to replace, or mate with virtually all existing connectors, the HYFEN meets or exceeds MIL specs. Reliability-tested crimping saves time and ends the high rejection rate inherent with solder.

TAPER PIN PANELS



STAPIN—Solid shank taper-pin contacts and panels for missiles, control equipment, etc. Especially valuable where circuit testing is required. Contacts are of high-quality copper alloy and plated as required. An impact-type insertion tube installs contacts into the panel.



COMPRESSION SHEATH CONNECTORS

For Shielded or Coaxial Cable



UNIRING—One-piece connector for grounding, joining or terminating. Inner ring slides under shielded braid while tap wire is held between braid and outer ring. Accommodates single or multiple taps. Available with nylon insulation or uninsulated.

HYRINGS—Two-piece inner and outer ferrules, color-coded. The small HYRING is slipped under the braided shield and the larger, HYRING is slipped over the shield and ground leads. A single crimp completes the assembly. Outer ferrule available pre-insulated.



TERMINALS, LUGS, SPLICES



INSULUG—Color-coded, nylon insulated lugs. Also spade or fork-tongue design, or banded for automatic machines.



SEALINK—Nylon insulated, water-sealed, one-piece splice for single or multi-cable. Anodized aluminum sealing rings. Takes AN 26 thru 10.



HYLUG & HYLINK—Compact, one-piece, pure electrolytic copper. Electro-tin plated to prevent corrosion. With or without insulation grip. Inspection holes for simple check of wire insertion.

PANELS and DISCONNECTS



UNILOK—Single or gang disconnect, pressure or non-pressure applications. Seamless, crimp-type, removable contacts with maximum mechanical, electrical efficiency.



MODULOK—Terminal block with snap-in, spring-loaded contact and separable modules. Either quick-disconnect or permanent block. 30 modules (2 or 4 tier) per ft.

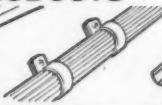


PANELOK—Pressure-tight, molded panels with nylon insulated or uninsulated, silver-plated HYPIN sockets. Connect, disconnect from either side of bulkhead without removing panel.

OTHER PRODUCTS



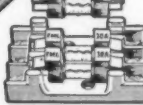
BURCAP—Nylon-insulated, crimped splice for wide range of wire combinations. Electrolytic copper for maximum conductivity.



NYLOCLIP—Molded nylon, lightweight, cable hanger. Resists temperatures from -60° to 250°F. 17 sizes for cable, bundles 1/4" to over 2".



FINGRIP—Inexpensive, reliable quick-disconnect terminals. Male, female, right angle variations. Install with automatic machine or simple hand tools.



LIMITERS—Protect aircraft systems against high overloads, shorts. Visual or mechanical type. 400 c, 115/208 v AC, DC up to 30 v.

TOOLING—Over 100 different hand, hydraulic, pneumatic, semi-automatic tools and machines available for installation of connectors, splices, and contacts. Choice usually depends on installation quantity or current assembly methods.



MBND Depth-of-indent-controlled hand tool

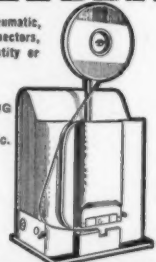


YD series Cartridge-fed, semi-automatic



VIONCP Bench-mounted, foot-operated.

BANDOLUG Fully-automatic.



BURNDY, world's largest exclusive connector manufacturer, offers more than 10,000 tested and proven connectors. With companion tooling designed to fit any production line, large or small, the BURNDY compression method has solved literally thousands of connector problems for OEM, Electronics, Aircraft, Missile, Marine, and other government agencies. The adjoining coupon will bring you the complete story.

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Mr. S. G. Ward, General Sales Manager,
BURNDY CANADA LTD., 1530 Birchmount Rd., Scarborough, Ont.

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Send the catalogues or bulletins checked.

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5626 (Note: Please attach to company letterhead.) *Trade Mark

- ☐ HYFEN plug & receptacle connectors.
- ☐ STAPIN taper-pin panels & contacts.
- ☐ UNIRING/HYRING tap connectors.
- ☐ HYFEN terminals, lugs, & splices.
- ☐ SEALINK insulated, water-sealed splices.
- ☐ UNILOK gang-disconnect plugs.
- ☐ MODULOK snap-in terminal blocks.
- ☐ PANELOK pressure-tight panels.

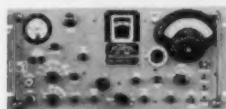
- ☐ BURCAP "pig-tail" splices.
- ☐ NYLOCLIP nylon cable hangers.
- ☐ FINGRIP quick-disconnect terminals.
- ☐ LIMITER aircraft fuses.
- ☐ BANDOLUG automatic terminating machine.
- ☐ BURNDY compression installation tooling.
- ☐ HAVE YOUR REPRESENTATIVE CALL FOR AN APPOINTMENT.

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CANADIAN ELECTRONICS ENGINEERING JUNE 1959

STODDART RADIO INTERFERENCE AND FIELD INTENSITY MEASURING EQUIPMENT

covering a frequency range of 30 cps to 1000 mc



NM-40A (AN/URM-41)
30 cps to 15 kc

SELECTIVE OPERATION/Specifications

Sensitivity: For a one-to-one signal-to-noise ratio, the sensitivity of the NM-40A is better than 0.15 microvolt from 1000 to 15,000 cps, 0.25 microvolt from 300 to 1000 cps and 1.0 microvolt from 30 to 300 cps, when used as a selective two-terminal voltmeter with its narrowest bandwidth and an input impedance of 100,000 ohms.

Spurious Responses:

$2 F_0 > 60\text{db down from } F_0$
 $3 F_0 > 55\text{db down from } F_0$ } where F_0 is any input signal using selective operation
All others $> 75\text{ db down}$

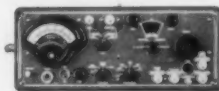
WIDEBAND OPERATION/Specifications

Frequency Response: 30 cps to 15 kcs, $\pm 0.5\text{ db}$.

Sensitivity: 15 microvolts sensitivity at input impedance of 100,000 ohms.

Input Impedance: 50, 600, 10,000 and 100,000 ohms.

The NM-40A may also be used as an ultra-sensitive AUDIO frequency WAVE ANALYZER.



NM-10A (AN/URM-6B)
14 kc to 250 kc

GENERAL SPECIFICATIONS:

Sensitivity: Electrostatic pickup using rod antennas, one microvolt-per-meter to 2 volts-per-meter. Electromagnetic pickup using shielded loop antennas, 10 microvolts-per-meter to 100 volts-per-meter. As a two-terminal voltmeter, either balanced or unbalanced, one microvolt to one volt.

Effective Random Noise Bandwidth: Varies from approximately 55 cps to 400 cps over the frequency range. Calibration charts give exact figures for each frequency.

Image Rejection: Better than 50 db.

I.F. Rejection: Greater than 60 db.

The equipment is of sturdy drip-proof construction and may be operated for prolonged periods in driving rain or snow with no deleterious effects.



NM-20B (AN/PRM-1A)
150 kc to 25 mc

GENERAL SPECIFICATIONS:

Sensitivity: As a two-terminal voltmeter, either balanced or unbalanced, one μv to one mV . Electrostatic pick-up using rod antenna, 2 μv /meter to 2 volts-per-meter. Electromagnetic pick-up using shielded loop antenna: SMALL LOOP, 10 to 30 μv /meter min. to 10,000 to 30,000 μv /meter max.; LARGE LOOP, 2 to 6 μv /meter min. to 20,000 to 60,000 μv /meter max.

Image Rejection: Better than 50 db.

I.F. Rejection: $> 45\text{ db}$.

BFO is provided for C. W. reception.



NM-30A (AN-URM-47)
20 mc to 400 mc

Sensitivity: Radiated pick-up using a calibrated, tuned dipole (without reflector), 0.6 to 60 μv /meter, depending on frequency. Conducted pick-up via 50-ohm matched coaxial line, 0.5 to 1 μv from 20 to 240 mc, less than 6 μv from 240 to 400 mc.

Spurious Response Rejection: Better than 40 db.

I.F. Rejection: $> 60\text{ db}$.



NM-50A (AN/URM-17)
375 mc to 1000 mc

Sensitivity: Radiated pick-up using a calibrated, tuned dipole (without reflector) 35 to 160 μv /meter, depending on frequency. Conducted pick-up via 50-ohm matched coaxial line, 2 to 5 μv .

Impulse Bandwidth: Approximately 600 kc over frequency range.

Image Rejection: Better than 40 db.

Spurious Response Rejection: Better than 40 db.

I.F. Rejection: $> 80\text{ db}$.

APPROVAL DATA CHART

STODDART & MILITARY TYPE	FREQUENCY	MIL-I-16910 (Ships) Amend. #2	MIL-I-26600 (U.S.A.F. & MIL-I-618)	S.A.E.	A.S.A.	C.I.S.P.R.
NM-40A (AN-URM-41)	30cps-15Kc	CLASS 'I'	Not Req'd	Not Req'd	Not Req'd	Not Req'd
NM-10A (AN-URM-6B)	14Kc-250Kc	CLASS 'I'	Not Req'd	Not Req'd	C63.2 (Proposed)	Not Req'd
NM-20B (AN-PRM-1A)	150Kc-25Mc	CLASS 'I'	*CLASS 'I' *CATEGORY 'A'	Not Req'd	C63.2 (Proposed)	**
NM-30A (AN-URM-47)	20Mc-400Mc	CLASS 'I'	*CLASS 'I' *CATEGORY 'A'	APPROVED	C63.3 (Proposed)	**
NM-50A (AN-URM-17)	375Mc-1000Mc	CLASS 'I'	*CLASS 'I' *CATEGORY 'A'	Not Req'd	C63.3 (Proposed)	Not Req'd

* MIL-I-26600 (U.S.A.F.)

** Can be supplied with C.I.S.P.R. Recommended detector time constants.

S.A.E. (Society of Automotive Engineers)

A.S.A. (American Standards Association)

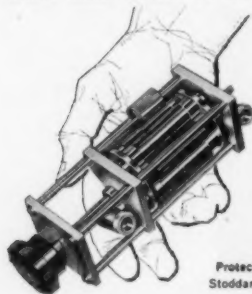
C.I.S.P.R. (Comite International Special des Perturbations Radioelectriques)

(International Special Committee on Radio Interference)

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made with exclusive Stoddart Filmistors for highly accurate and stable resistive values from dc to 3000 mc.



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WITH SIMPLE

"PULL-TURN-PUSH" OPERATION,
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ATTENUATOR PADS



Available in any conceivable combination of male and female Type C and Type N connectors. Maximum length of 3" for any attenuation value.

GENERAL SPECIFICATIONS:

VSWR: < 1.2 to 3000 mc for values from 10 to 60 db; as value decreases below 10 db, VSWR increases to not over 1.5.

Characteristic Impedance: 50 ohms.

Attenuation Value: Any value from 0 db to 60 db including fractional values.

Accuracy: $\pm 0.5\text{ db}$; values above 50 db have rated accuracy of attenuation through 1000 mc only.

Power Rating: 1.0 watt sine wave.

COAXIAL TERMINATIONS

Small-stable-50 or 70 ohms

1/2-Watt: 50 ohms impedance, TNC or BNC connectors, dc to 1000 mc, VSWR less than 1.2.

1-Watt: 50 ohms impedance, dc to 3000 mc or dc to 7000 mc, Type N or Type C connectors, male or female; VSWR less than 1.2, 70 ohm, Type N, male or female terminations available.



Fast delivery on all items/Send for complete literature

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THE MOST COMPLETE RANGE OF COMMUNICATION SYSTEMS

Hackbusch Electronics Limited offer you a complete range of high quality Stromberg-Carlson communication and intercommunication systems. Each system represents the most outstanding development within its field—Pagemaster, Key-Municator, Dial-X and conventional sound systems. Complete equipment, replacement and parts facilities are maintained to provide the ultimate in coast to coast service.



PAGEMASTER provides direct, instantaneous, personal paging for key personnel within plants, hospitals, large offices, hotels and many others. Receivers have D.O.T. approval P1.



KEY-MUNICATOR a new concept in intercommunication—compact, has audio and visual signaling, can be expanded in multiples of 14 stations.



DIAL-X solves communication problems by giving two systems, two phones—one for 100% service and one for 100% outside service. Dial-X reduces telephone costs.



CONVENTIONAL SOUND amplifiers, speakers, microphones and record playing equipment. Also completely engineered systems for public address, paging, music distribution systems in schools, hospitals and music therapy systems.

A trained technical representative will gladly furnish further details.

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For standard and sub-miniature applications—From stock or to your specifications—it's **CENTRALAB** for electronic components.



VARIABLE RESISTORS

1/10W. Micro-miniature—For transistor circuits, hearing aids. 0.286" diam. 500 ohms to 10 megs.

1/10W. Ultra-miniature—For computers, hearing aids, transistor circuits. 0.502" diam. 500 ohms to 10 megs.

1/10W. Sub-miniature—For military, communications, computer use. 5/8" diam. 500 ohms to 10 megs.

1/4W. and 1/2W. Sub-miniature—For instruments and military. 43/64" diam. 500 ohms to 2.5 megs.

1/4W. Multiple-miniature—Up to 4 variable and 9 fixed resistors on a 3/4" x 2-1/4" steatite plate. 1000 ohms to 5 megs.

1/2W. Standard—For radio, TV. Single, Twin or dual-concentric. 15/16" diam. 250 ohms to 10 megs.

2-5W. Wirewound—For instruments and TV. Single or dual-concentric. 1-5/32" diam. 1 ohm thru 15K ohms.

Write for Group B bulletins.

RELIABILITY



ELECTRONIC SWITCHES

Sub-miniature rotary—15/16" diam. for military and high reliability applications. Rating 0.5 amp. at 6VDC, 100 ma. at 110VAC. Laminated phenolic, steatite, single or multiple sections.

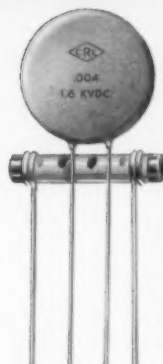
Standard rotary—1-5/16" diam. laminated phenolic or steatite insulation, single or multiple sections. Rating 2 amps. at 15VDC, 150 ma. at 110VAC. (Resistive load.)

Heavy-duty power—For transmitter, industrial control, laboratory testing, military, commercial. 2-13/16" diam. 7-1/2 amp. rating at 110VAC. 25,000 cycles minimum.

Spring return—1-5/16" diam., coil or C-type springs, phenolic, steatite, single or multiple sections.

Specialized—Lever, slide, tone, tuner sections, others.

Write for Group P bulletins.



CERAMIC CAPACITORS

Ultra-miniature—3 to 12 VDC, 0.22—2.2 mfd.—for low power factor transistor applications.

Temperature compensating—Discs, tubulars, 150 v to 6,000 VDCW, 1 mmf.—0.1 mf. Capacitance +100 to -5250 ppm.

Bypass—Coupling—Discs, tubulars, 150 v to 6,000 VDCW, 1 mmf.—0.1 mf.

High Voltage—High Accuracy—High Voltage types, up to 30,000 VDCW. High Accuracy types, $\pm 1\%$ tolerance, 500 VDCW, up to 2,500 mmf.

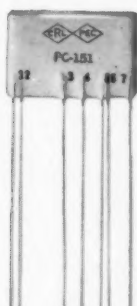
Trimmer—Tubular or flat. Meet JAN-C-81 specifications. 1 mmf. to 400 mmf. 500 VDCW.

Feed-thru—10—3000 mmf., 500—1,500 VDCW, bushing, shoulder, ring, eyelet, resistor-capacitor combinations.

Specialties—Stand-off, button-shape, potted, other capacitors.

Write for Group D bulletins.

IN ELECTRONICS



PACKAGED CIRCUITS

Complete computer and Radio-TV circuits, amplifiers, oscillators, detector networks, resistor networks—including transistors, capacitors, resistors, wiring and inductance, manufactured to your specific performance limits.

PEC* circuits result in substantial savings in assembly costs. These high reliability packaged circuits can be supplied in a wide variety of terminals for printed circuit board applications.

1/2W. resistors meet applicable MIL-R-11 specifications, 50 ohms to 50 megs. Capacitors up to .01 mmf.

Write for Group Y bulletins.



ENGINEERED CERAMICS

High alumina—85%, 95%, 99%—for high frequency, high temperature applications, close tolerance ($\pm .00025"$) designs. Jan 1-10-L6A grade.

Grade Jan 1-10-L5A steatite, Grade L2A Corderite, and Grade L2A Electrical Porcelain. For applications where high dielectric and compressive strength, high dimensional stability, low loss and low power factor are required, there is a CENTRALAB ceramic material for the job.

CENTRALAB also specializes in metalizing of ceramics, for hermetic seals or mechanical attachment of other ceramic or metal parts.

Write for Group X bulletins.

YOUR JOB ... AND

Centralab's

G-5949



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669 Bayview Avenue, Toronto 17, Ontario
Affiliated: Centralab, Milwaukee 1, Wisconsin

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CANADIAN ELECTRONICS ENGINEERING JUNE 1959

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- Oscilloscopes
- Cathode Follower Probes
- Delay Lines
- Klystron Power Unit
- Panoramic Wave-Form
Analyser
- Fast Rise Time Pulse Generator
- TV Line Selectors
- 16MM Sound Film Projectors
- Hi-Fidelity Loudspeakers
- Closed Circuit Television
- Studio TV Equipment
- Microwave Test Equipment

Microphones

Public Address and Intercommunication Systems

Electronic Measuring Instruments for all phases of the

Electronic Industry

MONTREAL

301 Windsor St., Halifax

TORONTO

For further information mark No. 46 on our Readers' Service Card



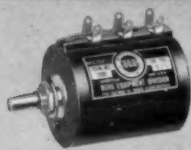
205 SERIES, 10-TURN MICROPOTS

SIZE: 1 1/4" dia.; 2 1/2" long;
shaft extension 7/8" or special
to order.

LINEARITY ACCURACY:
±0.1% and 0.05% (independ-
ent or zero based).

RESISTANCES: 50 ohms to
100,000 ohms, tolerance ±5%.

POWER DISSIPATION: 5 watts
at 40° C.



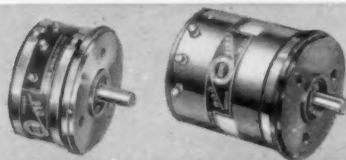
1100 SERIES, 10-TURN MICROPOTS

SIZE: 1 7/8" dia.; 2 1/2" long; shaft
extension 7/8" or special to order.

LINEARITY ACCURACY: 0.5%
to 0.1% (independent linearity).

RESISTANCES: 50 to 100,000 ohms,
tolerance ±5%.

POWER DISSIPATION: 3 watts at
40° C.



900 SERIES MICROPOTS

Borg 900 Series Micropots are available
in single-turn, 3-turn and 10-turn models.

SIZE: Single-turn — 2" dia.; 1 5/8" long
3-Turn — 2" dia.; 1 3/4" long
10-Turn — 2" dia.; 2 1/8" long
Shafts — 1/4" dia.
Bushing Mount — 7/8" long
Servo Mount — 5/8" long

LINEARITY ACCURACY: Single-turn — ±.5%
(independent)

3-Turn — ±0.1% (independent, zero based, or abso-
lute reference).

10-Turn — .05% (independent, zero based, or abso-
lute reference).

RESISTANCES: Single-Turn — 50 to 50,000 ohms

3-Turn — 15 to 60,000 ohms

10-Turn — 50 to 300,000 ohms

TEMPERATURE LIMITS: Tested to 350° F.

STANDARD COMPONENTS

*built
by*



FIT MANY SPECIAL DESIGN NEEDS

Design flexibility of standard Borg
components often eliminates the
need for expensive, specially designed
units. Borg offers a complete line of
precision potentiometers, turn-
counting dials and fractional horse-
power motors. Many of these
standard Borg components are
currently on duty in missile
launching platforms and firing
control stations, radar and
sonar equipment, computers
and similar electronic appa-
ratus. Production of standard
Borg components assures
quick delivery. A partial
selection is shown on this
page. Write for complete
data on all Borg components.
Ask for catalog BED-A90.



990 SERIES TRIMMING MICROPOTS

SIZE: 1 1/4" x 5/8" x 1 1/4"

RESISTANCES: 10 to 30,000 ohms
standard. Other values on special
order.

Tolerances — ±5% 100 ohms and
over
±10% below 100
ohms

ADJUSTMENT: Screw driver slot
provides adjustment of complete
range in 40 turns.

TERMINALS: Printed circuit,
soldered lug, insulated wire leads.



PRECISION INSTRUMENT MOTORS

Borg-Motors offer you fractional
horsepower motors in synchro-
nous or induction models with or
without gear-trains in 2-pole or
4-pole models for your precision
equipment. Borg-Motors are totally
enclosed, using precision machined
die cast alloys for end bells and
gear train cases. Die cast rotors,
mounted on two ball bearings,
assure long life, continued accuracy.



DIRECT READING MICRODIALS

Borg Direct-Reading Microdials provide the highest accu-
racy of perception when forced-fast-reading and setting is
required because of their inline digital presentation. Borg
Direct-Reading Microdials are available in 3-digit 10-turn
models, 4-digit 100-turn models and 5-digit
1,000 turn models. Also available are Borg
Concentric Scale Microdials which indicate
the position of any multi-turn device of 10
turns or less.

WRITE FOR COMPLETE DATA ON ALL
BORG COMPONENTS — CATALOG BED A90



BORG EQUIPMENT DIVISION

Amphenol-Borg Electronics Corporation

JANESVILLE, WISCONSIN



- MICROPOTS
- MICRODIALS
- MOTORS

CANADIAN "TECH-REP", ATLAS RADIO CORPORATION LTD., 50 WINGOLD AVE., TORONTO, PHONE: RUssell 1-6174

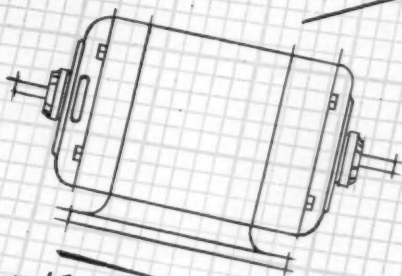
For further information mark No. 47 on our Readers' Service Card

CANADIAN ELECTRONICS ENGINEERING JUNE 1959

FEDERAL ISONEL

Solves High Temperature Motor Problems

Reduce size but maintain H.P.



*Specify Federal's Isonel Magnet
Wire for the windings*

**Now available
in square and
rectangular shapes!**

The outstanding thermal properties of Federal's (Polyester) Isonel Magnet wire permit the operation of motors at higher temperatures—suitable for use at Class F (155°C) temperatures. This means the motor size can be reduced for a given horsepower, or greater horsepower can be obtained from a given size.

While having this advantage of higher operating temperatures, Federal's Isonel possesses the excellent heat shock, chemical and abrasion resistant properties of vinyl-acetal magnet wire. It has improved resistance to flow at high temperatures; and it does not craze, giving higher voltage breakdown and better shelf-life.

*Available in Pay-Off Paks
13-23 in 250 and 500 lb.
24-29 in 100 lb. packs.*

5901

Specify Federal . . . for the best in Magnet Wire.

FEDERAL WIRE

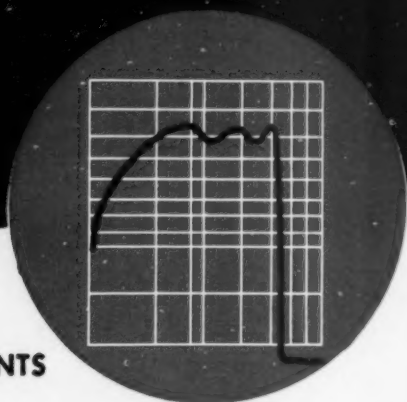
PORTER

& CABLE DIVISION

H.K. PORTER COMPANY (CANADA) LTD.

DIVISIONS: Connors Steel, Delta-Star Electric, Disston, Forge and Fittings, Leschen Wire Rope, Mouldings, National Electric, Refractories, Riverside-Alloy Metal, Thermoid, Vulcan-Kidd Steel, H.K. Porter Company (Canada) Ltd.

For further information mark No. 48 on our Readers' Service Card



TIME SAVING MEASURING INSTRUMENTS FOR THE SCIENCE OF COMMUNICATIONS...

are being used to a greater and greater extent in development, production, and servicing operations, since the measured values, level, attenuation, impedance, etc., appear immediately as curves variable with frequency on the screen of a cathode-ray tube. Other instruments make possible immediate line fault location, quick contact-fault tracing and measurements during operation even with multiple-telephone communications.

FROM OUR PRODUCTION PROGRAM:

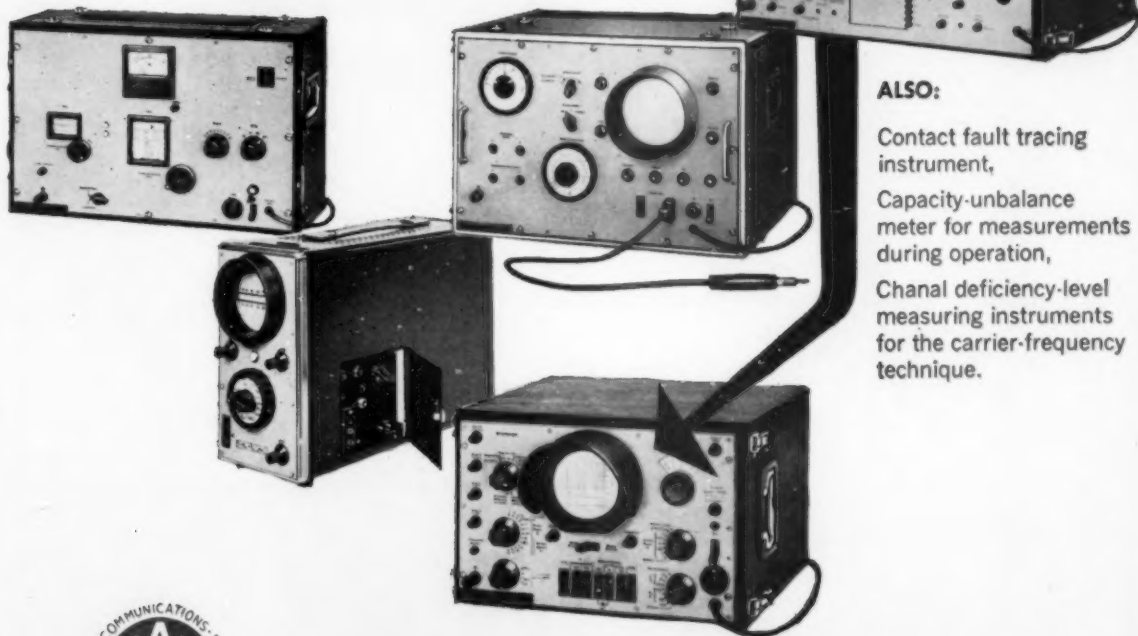
Visual indicator
apparatus, e.g.:

Level picture
units,

Wobble transmitters
and level picture
receivers,

Wobble measuring sites,

Echographs for line faults
location.



ALSO:

Contact fault tracing
instrument,

Capacity-unbalance
meter for measurements
during operation,

Chanal deficiency-level
measuring instruments
for the carrier-frequency
technique.



A&S...stands for Assured Satisfaction

AS 596

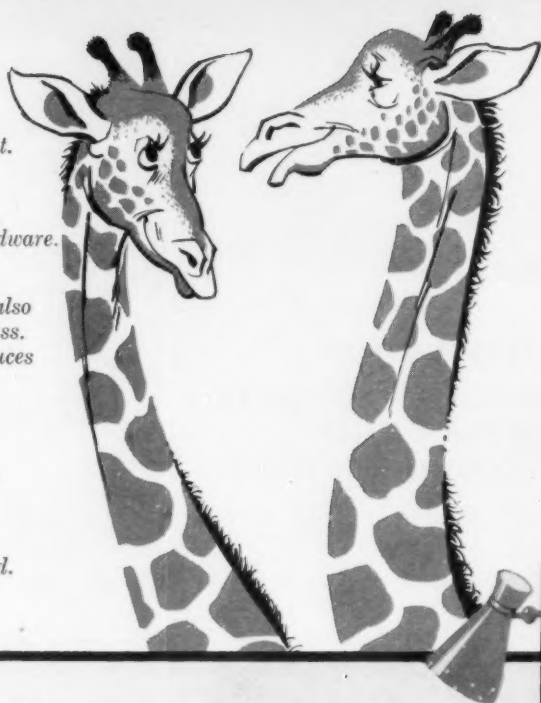
THE AHEARN AND SOPER COMPANY LIMITED

384 Bank Street • Ottawa • Canada

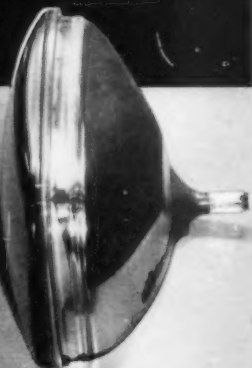
For further information mark No. 49 on our Readers' Service Card

"Short neck... who needs one?"

- 2nd. G. *Correction: short, short neck.*
- 1st. G. *All right. Short, short neck. Why all the fuss?*
- 2nd. G. *Design-wise, as they say. Very important.*
- 1st. G. *How so?*
- 2nd. G. *Smaller cabinets. Neat. Compact. Smart. Saves materials. No heavy mounting hardware.*
- 1st. G. *Whose side are you on?*
- 2nd. G. *To each his own, you might say. Notice also that it has permanently bonded safety glass. It's glare resistant, scratch resistant, reduces picture distortion. It's shatter-proof and implosion resistant, too.*
- 1st. G. *It's what?*
- 2nd. G. *Implosion resistant. Won't burst inward. Advanced. That's the word for them.*
- 1st. G. *For whom, pray tell?*
- 2nd. G. *The Canadian Marconi people. Advanced.*



THE LATEST THING IN PICTURE TUBES



New Marconi short, short neck 110° picture tube with permanently bonded safety glass

FEATURES

- SHATTERPROOF; IMPLOSION RESISTANT
- IMPROVED CONTRAST AND BRIGHTNESS
- WIDER VIEWING ANGLE
- GLARE RESISTANT
- SCRATCH RESISTANT
- LESS PICTURE DISTORTION

ADVANTAGES

- PERMITS NEW CONCEPTS IN CABINET DESIGN
- ELIMINATES HEAVY MOUNTING HARDWARE
- ALLOWS TINTING OF LAMINATION LAYER
- PICTURE APPEARS 3-DIMENSIONAL
- SCREEN APPEARS LARGER



ELECTRONIC TUBE AND COMPONENTS DIVISION

CANADIAN **Marconi** COMPANY

830 BAYVIEW AVENUE, TORONTO, ONTARIO

Branches: Vancouver • Winnipeg • Ottawa • Montreal • Halifax • St. John's, Nfld.

For further information mark No. 50 on our Readers' Service Card

STANDARDS THAT DETERMINE
RELAY QUALITY . . . No. 3



Contact points able to survive this brutal shear test stay on forever.

contact points that stay on for keeps

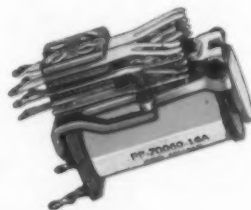
Superior attachment technique guards against insecure welds

When you find a relay that sheds its contacts, you usually have a relay that's suffering from "cold welds". This means that when the contact spring was made, the contact and spring did not really weld together. When this happens, the contact is likely to fall off at any time.

Automatic Electric prevents this from happening by making contacts from a continuous length of precious metal wire. In one combined operation we weld the end

of this wire to the spring blank (using accurate control of time and voltage), pinch it off so as to provide exactly the right amount of material for the contact, and finally form it into a dome of the contact metal. Result: A contact with a polished surface, welded to the spring for the life of the relay. This is one more reason why Automatic Electric relays have set performance records of over 400 million operations without a failure!

This superior method is typical of the painstaking care that goes into every Automatic Electric relay.



Class E Relays are miniaturized to save space and weight. Write today for information. Address: Automatic Electric Sales (Canada) Limited, 185 Bartley Drive, Toronto 16, Ontario. Branches across Canada.

AUTOMATIC ELECTRIC



PIONEERS IN AUTOMATIC CONTROL



AN ORGANIZATION SERVING CANADIAN INDUSTRIES WITH COMMUNICATION, TIME AND CONTROL SYSTEMS

For further information mark No. 51 on our Readers' Service Card

CANADIAN ELECTRONICS ENGINEERING JUNE 1959

5925

47

a new

260

Series III



— with improved sensitivity and added convenience, at a new low price.

For 20 years the famous Simpson 260 has become a by-word in circuit analysis and measurement. Still maintaining its fine reputation for quality and the traditional Simpson care and attention in every detail of design and manufacture — the 260 is now available in a new series to keep up with our changing times. The Series III 260 uses printed circuits for added reliability and ease of service. Increased sensitivities are provided at no sacrifice in reliability; added ranges, and a unique scale layout to improve readability.

Best of all — a new low price making the finest in measurement available to all sizes of pocket books — all made possible only by complete Canadian manufacture.

RANGES:

D.C. Current. From 50 Microamps to 10 Amps in 6 ranges.

D.C. Volts (20000 ohms/volt). From ¼ volt to 5000 volts in 7 ranges.

A.C. Volts (5000 ohms/volt). From 2.5 volts to 5000 volts in 6 ranges.

D.C. Resistance 0-2000 ohms to 0-20 megohms in 3 ranges.

Polarity reversing switch, volume level (decibel) and DBM ranges.

Price — tax included

\$55.00

The long tradition of fine instrumentation of the Model 260 is now extended to the custom-engineered Model 270, providing increased accuracy, a mirror scale and movement overload protective service, along with full performance data. Write for further details. Priced at \$63.07.

4-8333

IN U.S.A.: SIMPSON ELECTRIC COMPANY, 5200 W. KINZIE STREET, CHICAGO 44, ILLINOIS

For further information mark No. 52 on our Readers' Service Card

Bach-Simpson
LIMITED

1255 BRYDGES ST.

LONDON, ONT.

1959-60

Components & Equipment

Directory

1 Products and Services 49

2 Canadian Manufacturers 91

3 U.S., U.K. and Other Manufacturers 97

4 Canadian Representatives 124

Section 1 Products & Services

This section lists the manufacturers of a wide range of electronic and allied components and equipment.

Products are listed alphabetically by generic names, followed by descriptive names where necessary, as ABSORBERS-Microwave. The only exceptions are HARDWARE & FINDINGS and INSULATION MATERIALS & PARTS. Products in these groups are arranged alphabetically under the two headings, at the end of the main product listings.

In many cases, the large number of types available of a particular product have led to the use of a numerical coding system. The meaning of the numbers after a manufacturer's name is given at the beginning of the listing for each coded product.

A listing of the companies that provide SERVICES such as Computing, Encapsulation, or Technical Writing also appears at the end of the product listings. This is followed by a brief directory of Associations and Professional Societies.

Canadian manufacturers are listed first under each product heading, followed by U. S., U. K. and other manufacturers. ■ indicates an advertiser in this issue — see Advertisers' Index. Company names, addresses and telephone numbers may be found in Sections 2 and 3, together with details of Canadian sales representatives, if any. Section 4 comprises a cross-reference index of Canadian sales representatives and distributors.

ABSORBERS—Microwave

- Airtron Canada Ltd.
- Canadian General Electric Co. Ltd., E.E. & T.D.
- Neosid (Canada) Ltd.
- The Plessey Co. of Canada Ltd.

Bogart Mfg. Corp.
Chemalloy Electronics Corp.
Diamond Antenna & Microwave Corp.
Emerson & Cuming Inc.
Filmohm Corp.
The General Electric Co. Ltd.
McMillan Industrial Corp.
Meridian Metalcraft, Inc.
Power Sources Inc.
Radar Design Corp.
Waveline Inc.

ACCELERATORS—Particle

- E.M.I.-Cossor Electronics Ltd.
- Philips Electronics Ind. Ltd.
- Atomic Labs., Inc.

- High Voltage Engineering Corp. Labgear Ltd.
- Metropolitan Vickers Electrical Co., Ltd.

ACCELEROMETERS

- Amalgamated Electric Corp. Ltd.
- Aviation Electric Ltd.
- Canadian Aviation Electronics Ltd.
- Daystrom Ltd.
- Ferranti-Packard Electric Ltd.
- The Garrett Mfg. Corp. of Canada Ltd.
- Philips Electronics Industries Ltd.
- S. Smith & Sons (Canada) Ltd.
- B & F Instruments Inc.
- B J Electronics, Borg-Warner Corp.
- Bournes Labs Inc.
- A/S Bruel & Kjaer
- Cambridge Instrument Co.
- Columbia Research Lab.
- Crecent Engrg. & Research Co.
- Dawe Instruments Ltd.

Donner Scientific
Electro Mechanisms Ltd.
Endevco Corp.
Fairchild Controls Corp., Components Div.
General Radio Co.
Genisco, Inc.
Gulton Industries Inc.
Industrial Devel. Labs., Inc.
Kearfoot Co. Inc.
J. Langham Thompson Ltd.
Norden Div. United Aircraft Corp.
Northam Electronics Inc.
Pacific Scientific Co.
Shaevetz Engrg.
Sperry Gyroscope Co.
Statham Labs. Ltd.
Ultradyn Inc.

AMMETERS

- 1. Ammeters
- 2. Ammeters, rf
- 3. Microammeters
- 4. Micro-microammeters
- 5. Milliammeters

- Automatic Electric Sales (Canada) Ltd. 1-5.
- Aviation Electric Ltd. 1.
- Bach Simpson Ltd. 1-2-3-5.
- Barber-Colman of Canada Ltd. 5.
- Bepco Canada Ltd. 1.
- Canadian General Electric Co. Ltd. 1-2-3-4-5.
- Canadian Research Institute. 1-2-3-5.
- Canadian Westinghouse Co. Ltd., Electronics Div. 1.
- Daystrom Ltd. (Weston). 1-2-3-5.
- Electrical Mfg. Co. 1.
- English Electric Co. of Canada Ltd. 1.
- Fisher Research Laboratory Ltd. 5.
- Helipot Corp. 1.
- Honeywell Controls Ltd. 3.
- Radio Communications Equipment & Engrg. Ltd. 2.
- Stark Electronic Instruments Ltd. 1-2-3.
- Tecneek Assoc.
- Thermovolt Instruments Ltd. 1-2-3.

AEG 1-5.
 Assembly Products Inc. 1-3-5.
 Beckman Instruments Inc., Scientific Instr. 4.
 Beede Electrical-Instrument Co., Inc. 1-3-5.
 British Physical Labs. 1-2-3-4-5.
 Burton-Rogers Co. 1-3-5.
 Cambridge Instrument Co. Ltd. 1-2-5.
 Camille Bauer Ltd. 1-2-3-4-5.
 Chicago Industrial Instrument Co. 1-2-3-5.
 Curtiss-Wright Corp. 4.
 Dejur-Amsco Corp. 1-3-5.
 Electro-Mechanical Instrument Co. 1-5.
 Electronic Instruments Ltd. 1-3-4.
 Elima GmbH. 1-2-3-4-5.
 Esterline-Angus Co. Inc. 1-5.
 Evershed & Vignoles Ltd. 1-3-5.
 Ferranti Ltd. 1-2-3-5.
 General Radio Co. 4.
 P. Gossen & Co. GmbH. 1-2-3-4.
 Greibach Instruments Corp. 1-2-3-4-5.
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 Hartmann & Braun A.G. 1-2-3-4-5.
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 Hickok Electrical Instruments. 3-4-5.
 Hitachi Ltd. 1-5.
 Hoyt Electrical Instrument Works. 1-3-5.
 International Instruments, Inc. 1-2-3-5.
 I/S Jensen Electric. 1-2-3-5.
 Keithley Instruments, Inc. 4.
 Kin-Tel. 3-4.
 Dipl. Ing. Ulrich Knick. 1-2-3-4-5.
 Lorain Products Inc. 1.
 Marion Electrical Instrument Co. 1-3-5.
 Metra Corporation. 1-2-3-4-5.
 Metrawatt A.G. 1-3-5.
 Metropolitan Vickers Electrical Co. Ltd. 1-2-5.
 Millivac Instruments. 3-4.
 Nalder Bros. & Thompson Ltd. 1-5.
 Nash & Thompson Ltd. 4.
 Rohde & Schwarz. 1-2.
 Roller-Smith Instrument Inc. 1-3-5.
 S & A Electronics. 1-3-4.
 Sanwa Electric Instrument Works. 1-2-3-4-5.
 Sensitive Research Instrument Corp. 1-2-3-5.
 Shurite Meters. 1-5.
 Siemens Edison Swan Ltd. 1-5.
 Siemens & Halske A.G. 1-2-3-4-5.
 Sifam Electrical Instrument Co. Ltd. 1-2-3-5.
 Sterling Mfg. Co. 1.
 Taylor Electrical Instruments Ltd. 1-2-3-4-5.
 Triplett Electrical Instrument Co. 1-2-3-4-5.
 Ernest Turner Electrical Instruments Ltd. 1-2-3-5.
 Victoreen Instrument Co. 4.
 WacLine, Inc. 1-3-5.
 Welsh Mfg. Co. 1.
 Weston Instruments Div., Daystrom, Inc. 1-2-3.
 Zenith Electric Co. 1.

AMPLIFIERS

1. Audio Frequency	16. Musical Instrument
2. Audio Input Systems	17. Narrow Band Audio
3. Audio Subminiature	18. Narrow Band I-f
4. dc	19. Null
5. Differential	20. Operational
6. fm & am	21. Peak Limiting
7. I-f	22. Photocell
8. Keying	23. Power
9. Klystron afe	24. Printed Circuit
10. Linear	25. Pulse
11. Logarithmic	26. Recording
12. Magnetic	27. rf
13. Medical Instrument	28. Servo
14. Microwave	29. Strain
15. Microwave Radar	30. Gauge
31. Television	34. Vibration
32. Transistor	35. Pick-Up
33. Ultrasonic	35. Wideband

Acoustical Manufacturing Co. Ltd. 1.
 Addison Industries Ltd. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-23-24-25-26-27.

28-29-30-31-32-34-35.
 Advance Components Ltd. 1.
 Aircraft Appliances & Equipment Ltd. 12.
 Airtron Canada Ltd. 14-15.
 Allied Circuit Techniques Ltd. 24.
 Amplivox (Canada) Ltd. 3-13.
 Ashman Electronics Ltd. 1.
 Audio Vox Intercom, Inc. 1.
 Aviation Electric Ltd. 12-19-21-23-28-32.
 Bailey Meter Co., Ltd. 26.
 Barvic Engineering Ltd. 2.
 Beacoming Optical & Precision Matl. 1-2-3-4-7-9-14-15-18-25-27-31-35.
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 The Bristol Co. of Canada Ltd. 26.
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 Canadian Aviation Electronics, Ltd. 28.
 Canadian General Electric Co. Ltd. E.E. & T.D. 1-2-3-12-21-23-26-27-31-32-35.
 Canadian General Electric Co. Ltd., Elec. Tube Sec. 1.
 Canadian Marconi Co. Comm. Prods. Div. 14.
 Canadian Marconi Co., Radio Relay Div. 14-23-35.
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 Edo (Canada) Ltd. 1-10-11-17-23-25-28.
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 EV of Canada Ltd. 1.
 Electrolabs 1-2-23.
 Electronic Associates Ltd. 22-25-32.
 Electronic Communications Ltd. 1-2-13-15-17-22-23-24-25-32-33-34.
 Electronic Controls Ltd. 12.
 Electronic Enterprise Ltd. 1.
 Electronic Materials International Ltd. 1-2-3-4-6-7-8-18-26-27-32.
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 Engineered Sound Systems Ltd. 1-2-25-32.
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 Erie Resistor of Canada Ltd. 1.
 Ferranti-Packard Electric Ltd. 9-10-11-24-25-32.
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 Hackbusch Electronics Limited (Stromberg & Carlson) 1-2-6-16-17-23-32-35.
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 Humble Mfg. Co. Ltd. 1.
 Instantaneous Recording Service 26.
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 George Kelk Ltd. 13-22-24-26-28-29-32.
 Leeds & Northrup Canada Ltd. 4.
 Lenkurt Electric Co. of Canada Ltd. 1-2-3-9-10-14-17-18-21-23-24-32-35.
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 Peter Munk Assoc. Ltd. 1-2.
 National Sound Services Ltd. 1-2-23.
 Northern Electric Co., Ltd. 1-2-17-21-23-24-31-32.
 Northern Radio Mfg. Co. Ltd. 1-2-8-17-23.
 Par-Tex Engrg. & Contracting Co., Ltd. 31.
 Philips Electronics Ind. Ltd. 1-10-23-25-26-34-35.

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 RCA Victor Co. Ltd. 1-2-6-7-23-24-25-27-28-30-31-32-33-34-35.
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 T.M.C. (Canada) Ltd. 10-23-27-35.
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 Tele-Radio Systems Ltd. 32.
 Tinsley Instruments (Canada) Ltd. 4-22.
 F. V. Topping Electronics Ltd. 1-2-3-5-7-8-23-24-27-32-35.
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 United-Carr Fastener Co. of Canada. 24.
 Varian Associates of Canada Ltd. 14.
 Vector Labs Inc. 1-4-5-7-10-11-13-17-19-22-23-26-28-29-34-35.
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 Watkins Electronics Ltd. 31.

Aero Products Co. 1.
 Acromag, Inc. 12.
 Acton Labs., Inc. 23-35.
 Acoustica Assoc. Inc. 33.
 Adler Electronics, Inc. 14.
 Aerialite Ltd. 31.
 Airborne Instruments Lab. Inc. 7-11-18.
 Alpax Prods. Co. 12-20-28.
 Allentown Instruments Co., Inc. 4-5-26.
 Altec Lansing Corporation. 1-2.
 Alto Scientific Co., Inc. 7-32.
 American Electronic Labs., Inc. 13.
 Ampex Corp. 25.
 Amivox Inc. 3-13-32.
 Anderson Labs. Inc. 7-18-27-28.
 Antlab. Inc. 17.
 Applied Research, Inc. 27-35.
 A. R. & T. Electronics Inc. 6-27-35.
 Arizona Telemetering Corp. 3.
 Arnold Magnetics Corp. 12.
 Arnoux Corp. 12-23.
 Audio Instrument Co., Inc. 11.
 Automatic Timing & Controls, Inc. 28.
 Avo Ltd. 4.
 BJ Electronics, Borg-Warner Corp. 10-11.
 B & F Instruments Inc. 29.
 Bainbridge Atomic Inc. 4-10-13.
 Bev. Bussell, Inc. 19.
 Bean-Echo Ltd. 1.
 Beckman Instruments, Inc., Scientific Instr. 13.
 Behlman Engng. Co. 23.
 Belline & Lee Ltd. 6-27.
 Berkeley Div., Beckman Instruments, Inc. 20.
 Blower-Tongue Labs., Inc. 6-27-31-35.
 David Bosen Co. Inc. 1-23.
 Boonton Electronics Corp. 5-19.
 Boulevard Electronics Inc. 1.
 British Physical Labs. 25-35.
 Bruel & Kjaer. 34.
 Bruel Instruments Div., Clevite Corp. 4-5-26-28-29.
 Ruckleys (Uvral) Ltd. 13.
 Burdeman Electronics Corp. 14-23.
 Burnell & Co. Inc. 12.
 Burr Brown Corp. 1-4-5-20-24-32.
 California Technical Industries Div. of Textron Inc. 11.
 Centralab Div. Globe-Union Inc. 2-3-4-13-16-17-24-32.
 Century Electronics & Instruments, Inc. 11-29-34.

C. T. Chapman Ltd. 1-2.
 Cinch Mfg. Co. 24.
 Cinema Engrg. Div. of Aerovox Corp. 1-26.
 Compagnie Francaise Hortson. 2-22-23.
 Control Electronics Co., Inc. 7-14-15-25-28.
 Control Panel Corp. 2.
 Cossor Instruments Ltd. 4.
 D & M Electronics Ltd. 1-2.
 Dejur-Amsco Corp. 1-2.
 Diamond Antenna & Microwave Corp. 14-15.
 Diehl Mfg. Co. 28.
 Donner Scientific Co. 20.
 Douglas Microwave Co. Inc. 14-15.
 DuKane Corp. 2-22-23-26.
 Allen B. Du Mont Labs. Inc., Int. Div. 14.
 Dyna Inc. 1.
 Edin Co., Inc. 4-5-10-13-26-29-34.
 Edo Corp. 1-2-10-11-15-17-25-27-28.
 Eitel-McCullough Inc. 9-14-25.
 Eldorado Electronics Co. 22.
 Electric Regulator Corp. 12.
 Electro Instruments Inc. 1-4-5-10-24-32.
 Electro Measurements Corp. 19.
 Electro Mechanical Research Inc. 1-5-10.
 Electro Mechanisms Ltd. 34.
 Electro-Voice Inc. 1-25.
 Electronic Associates Inc. 4-5-10-11-20-24-28-29-32.
 Electronic Instruments Co. Inc. 1-23.
 Electronic Instruments Ltd. 4-13.
 Electronic Research Associates 1-3-4-7-12-23-32.
 Electronic Specialty Co. 4-12-14-15.
 Electronic Tube Corp. 4-5-13-25-26-29.
 Empire Devices Prods. Corp. 26-27-35.
 Endeavor Corp. 34.
 Engineered Electronics Co. 3-4-10-24-25-26-32-35.
 Entron, Inc. 27-31-35.
 Etelco Ltd. 1.
 Evans Electro Selenium. 22.
 Evershed & Vignoles Ltd. 4-17-28.
 F.X.R. Inc. 14-15.
 Feedback Control, Inc. 12-32.
 Ferrotron Electronics Co., Inc. 1-2-3-7-28.
 Film Capacitors Inc. 4-28.
 Fisher Research Lab. Inc. 32.
 John Fluke Mfg. Co. Inc. 13.
 Franklin Electronics Inc. 4-5-10-11.
 The General Electric Co. Ltd. 14.
 General Instrument Corp. 1-4-7-12-27.
 General Magnetics Inc. 12.
 General Radio Co. 1-4-9-18-25-26-34.
 General Radiological Ltd. 10-11-25.
 Globe Electronics Ind. 10.
 Greenleaf Mfg. Co. 1-2-3-4-5-8-10-20-23-28.
 Grundig Radio Werke 31.
 Gulton Ind. 4-12-23-29-35.
 Hallamore Electronics Co. 31.
 Hathaway Instrument Co. 1-3-13-19-26.
 Hermetic Seal Transformer Co. 12.
 Hewlett-Packard Co. 1-10-14-25-27-35.
 Hughes Aircraft Co. 14-15.
 I.D.E.A., Inc. 1-24-32-35.
 Int. Telemeter Corp. 31.
 Industrial Control Co. 12-19-28-29.
 Industrial Test Equipment Co. 1-5-10-19-28.
 Ingenieur Büro Atlas 31.
 Instruments for Industry. 10.
 Isotope Developments Ltd. 4-11-13-25.
 E. F. Johnson Co. 1.
 Kaar Engrg. Corp. 23.
 Kay Electric Co. 30-32.
 Kearfott Co. Inc. 12-28-32.
 Keithley Instrument Inc. 4.
 Keystone Prods. Co. 12-28-32.
 King Systems Inc. 14.
 Kin-Tel 4-5-20-29.
 Krohn-Hite Export Corp. 1-17-23-35.
 Labgear Ltd. 11.
 Lake Mfg. Co. Inc. 1.
 H. J. Leak & Co. Ltd. 1.
 Lear, Inc. 28.
 Levinthal Electronic Prods. Inc. 9-14-15.
 Lintrascop Inc. 4-5-12-28.
 Litronic Ltd. 23-25-29-32.
 Lustraphone Ltd. 1-32.
 M B Mfg. Co. 35.
 Magnetics Inc. 12.
 Mandrel Ind. Instruments 4-13.

- W. L. Maxson Co. 21.
McIntosh Lab. Inc. 1.
Medical Electronics Devel. Co. 13.
Metrix Instruments Ltd. 6.
Metrawatt A.G. 4.
Metropolitan Vickers Electrical Co. Ltd. 1-12-15-28.
Microwave Development Labs. Inc. 7.
Millivac Instr. Div. of COHU Elec. 5-19-26-27-32-35.
F. L. Moseley Co. 28.
Murphy Radio Ltd. 1-31.
Narda Ultrasounds Corp. 33.
National Co. Inc. 1-2-4-7-13-17-18-23-28-32.
National Theatre Supply Co. 2-22-23.
NJE Corp. 12.
Nagard Ltd. 4.
R. W. Neill Co., Inc. 1-2.
Nems Clarke, Inc. 28-31.
Non-Linear Systems 5-12.
Norden Div., United Aircraft Corp. 7-28.
Northern Radio Co. Inc. 1-2-8-17-23.
Offner Electronics. 5-13-29.
Ortho Filter Corp. 12.
John Oster Mfg. Co. 28-32.
Owen Labs., Inc. 1-19.
Penn-Ed Engineering Corp. 1-7-12-23-27.
G. A. Philbrick Researches Inc. 4-24.
Photon Research Prod. 4.
Photovolt Corp. 18.
Photon Corp. 39.
Photon Instrument Co. 4-13-22-26-29-34-35.
Pilot Radio Corporation. 23.
Polarad Electronics Corporation. 9-14-15.
Polypase Instrument Co. 12-29-32.
Post Machinery, Electronic Prods. Div. 22.
Potter Instrument, Inc. 12-25-26.
Precision Electronics Inc. 1.
Precision Radiation Instruments, Inc. 4.
W. G. Pye Co., Ltd. 11.
Co. Ltd. 1-4-17-27-32.
Quan-Tech Labs. 4-5.
Radiation Counter Labs. Inc. 10-11.
Radio Frequency Labs. Inc., Comm. Div. 1-8-17-21-24-35.
Radiometer. 26.
Rauland Borg Corp. 1.
Redifon (England) Ltd. 1-23-28.
Reeves Instrument Corp. 5-28-35.
Rheem Mfg. Co. 5-12-20-23-27-29-32-34-35.
Rhein Sound Systems 1-26.
Robertshaw-Fulton Controls Co., Instrument Div. 19-34.
S. A. Rocher Electronique 1-4-10-23-25-26-27-31-35.
Rohde & Schwarz. 6-14-25-26-27-31-35-1.
P
Rosenthal Isolators G.M.B.H. 24.
S.K.L. Instruments. 35.
Sanborn Co. 4-5-11-26-29-13.
W. H. Sanders Ltd. 12-14-15.
Sargent-Raymont Co. 1.
Savage & Parsons, Ltd. 28-29.
Schaeffert Engrg. 28.
W. H. Scott, Inc. 1.
Servo Corp. of America. 28.
Servomechanisms, Inc., Special Prods. Div. 12.
Servomex Controls Ltd. 4-28.
Servonics Inc. 4-5-28-29.
Shallcross Mfg. Co. 19.
Sherwood Electronic Labs, Inc. 1.
Siemens Edison Swan Ltd. 13-24-28.
Siemens & Halske, A.G. 1-2-3-10-21-23-25-26-29-32.
Sigma Instruments Inc. 12-22.
Mark Simpson Mfg. Co. Ltd. 2.
Sonotone Corp. 1.
Southern Instruments Ltd. 4-26.
Southwestern Industrial Electronics Co. 4.
Staub & Co. 4.
Stromberg-Carlson Co. Div. of General Dynamics 1-2-16-24.
Taber Instruments Corp. 3-14-15-32.
Technical Appliance Corp. 6.
Tektronix, Inc. 5-13-35.
Teletone Corp. Mfg. Corp. 25-31-35.
Telefunken GmbH. 1.
Teletronic Industries Corp. 1-26.
Television Utilities Corp. 31-35.
Tel-Instrument Electronics Corp. 31.
Texas Instruments Incorporated. 26-32.
J. Langham Thompson Ltd. 1-12-25-28-29-34.
Torotek Inc. 12.
Transistor Devices, Inc. 32.
Trio Labs, Inc. 19.
The Trix Electrical Co., Ltd. 1.
Truvox Ltd. 1.
Universal Transistor Prods. 1-3-14-15-32.
United Transformer Corporation. 12.
Var-L Co., Inc. 12.
Vectrol Engrg., Inc. 23-28.
Venner Electronics Ltd. 3-25-32-35.
Victoreon Instrument Co. 11.
The Walkirt Co. 3-5-23-25.
Gardel & Goltmann. 17.
Waterman Products Co., Inc. 13-29.
Webster Electric Co. 16-23-26.
Weinschel Engrg. & Mfg. Corp. 17.
Westronics Inc. 19-26-28.
White Instrument Labs. 17.
Whiteley Electrical Radio Co., Ltd. 2-6-10-23-24-32.
Winston Electronics Ltd. 1-13.
ANALYZERS
1. Audio Amplifier 10. Intermodulation
2. Capacitor 11. Isotope
3. Coincidence 12. Magnetic
& Anticoincidence 13. Microwave
4. Digital 14. Multichannel
5. Distortion 15. Noise
6. Frequency 16. Pulse Height
7. Gas 17. Relay
8. Harmonic 18. Servo
9. Ignition 19. Spectrum
20. Surface 22. Ultrasonic
Analyzers & 23. Vibration
Comparators 24. Video
21. Thyatron or 25. Wave
Phenotron
Aerovox Canada Ltd. 2.
Bailey Meter Co. Ltd. 7.
The Bristol Co. of Canada Ltd. 7.
Canadian General Electric Co. Ltd. 13-24.
Canadian Marconi Co., Comm. Prods. Div. 5-10-13-19-25.
Canadian Research Institute 1-2.
Canadian Sonic Co. 22-23.
Canadian Westinghouse Co. Ltd., Electronics Div. 4.
Central Scientific Co. of Canada Ltd. 7.
Collins Radio Co. of Canada Ltd. 19.
Computing Devices of Canada Ltd. 13-19.
Daystrom Ltd. (Heath) 1-2-5-8-9-10.
Daystrom Ltd. (Weston) 2.
Dominion Electrohome Indust. Ltd. 5-11-22.
E.M.I.-Cossor Electronics Ltd. 23.
Electronic Associates Ltd. 5-11.
Electronic Communications Ltd. 1-5-6-7-8-9-21-22.
Eugene Industries of Canada Ltd. 7.
Ferranti-Packard Electric Ltd. 4.
Fisher Scientific Co. Ltd. 7.
Found Bros. Aviation Ltd. 7.
Honeywell Controls Ltd. 7.
George Kelk Ltd. 9.
Leeds & Northrup Canada Ltd. 7.
Lucas-Rotax Ltd. 9.
Muirhead Instruments Ltd. 6-8-15-18-23-25.
Philips Electronics Industries Ltd. 3-11-16-20-23.
Raytheon Canada Ltd. 19.
Servomex Controls Ltd. 18.
Sperdy Gyroscope Co. Ltd. 13.
Stark Electronic Instruments Ltd. 2.
Tecneek Associates 2.
Transonic Ltd. 22.
Triad Instruments & Controls Ltd. 21.
Airborne Instrument Lab., Inc. 13.
American Electronic Labs., Inc. 1-19.
Andersen Labs., Inc. 22.
Applied Research, Inc. 15-19.
Audio Instrument Co., Inc. 10.
BJ Electronics, Borg-Warner Corp. 14-16.
Baird-Atomic, Inc. 11-14-16-19.
Barnes Development Co. 2.
Beckman Instruments Inc., Berkeley Div. 4-16.
Beckman Instruments, Inc., Scientific Div. 7-19.
Bendix Aviation Corp., Scintilla Div. 9.
Boonton Electronics Corp. 5-25.
British Physical Labs. 2.
British Thomson-Houston 9.
Brul & Kjaer 5-6-8-15-19-28-23-25.
Brush Instruments, Div. of Clevite Corp. 28.
Cambridge Instrument Co. Ltd. 7-20.
Century Electronics & Instruments 14-18-23-25.
Chadwick-Helmuth Co. 23.
Chemalloy Electronics Corp. 13.
Computer Control Co., Inc. 4.
Computer Measurements Corp. 6.
Conrac, Inc. 6-8.
Control Electronics Co., Inc. 8-13.
Cornell-Dubilier Elec. Corp. 2.
A/S Danbridge 2.
Dawe Instruments Ltd. 15-23.
Diamond Antenna & Microwave Corp. 13.
Divco-Wayne Electronics 22.
Donner Scientific Co. 25.
Edin Co., Inc. 6-19-23-25.
Electronic Measurements Corp. 1-2.
Electronic Specialty Co. 13-17.
Electronic Tube Corp. 16-25.
Empire Devices, Products Corp. 5-15.
Endevco Corp. 23.
Epsco, Inc. 4.
FKR, Inc. 13-19.
General Communications Co. 13-16.
The General Electric Co. Ltd. 13.
General Radio Co. 15-23-25.
Godart-Mijnhardt NV. 7.
Gow-Mac Instrument Co. 23.
Hartmann-Braun A.G. 7.
Hewlett-Packard Co. 1-5-6-8-15.
Ideal Precision Meter Co., Inc. 15.
Industrial Control Co. 18.
Industrial Test Equipment Co. 5-8-18.
The Infra-Red Development Co. Ltd. 7.
International Research & Development Corp. 6-23.
Isotope Developments Ltd. 11-16.
Kay Electric Co. 1-6-15.
Kearfott Co., Inc. 13-19.
Laboratory for Electronics, Inc. 13.
Lavoie Labs., Inc. 19.
Librascope, Inc. 4-18.
Measurements, a McGraw-Edison Div. 10.
Metropolitan-Vickers Electrical Co. Ltd. 4-12-13.
Murphy Radio Ltd. 24.
NRC Equipment Corp. 7.
National Instr. Labs., Inc. 7.
Nems-Clarke, Inc. 19.
New London Instrument Co. 10.
Norden Div., United Aircraft Corp. 3.
Nuclear Measurements Corp. 16.
Polarad Electronics Corp. 8-13-19-24.
Potter Instrument, Inc. 4-6.
Proctor Electric Co. 17.
Pyramid Electric Co. 2.
Radiation Instrument Dev. Labs. 11-14-16.
Radiation, Inc. 6.
Radiation Counter Labs., Inc. 11.
Radiometer 2-5-15.
Railway Communications, Inc. 25.
Rauland Borg Corp. 1.
S. A. Rocher Electronique 3-14-15-16-18-22.
Rohde & Schwarz 1-5-6-8-10-15-16-19-22-23-24-25.
Sanborn Co. 18.
H. H. Scott, Inc. 15.
Servo Corp. of America 18.
Servomex Controls Ltd. 18.
Shallcross Mfg. Co. 17.
Siemens & Halske, A.G. 1-16.
Sierra Electronic Corp. 8-25.
Sigma Instruments, Inc. 17.
Solartone Electronic Group Ltd. 18.
Southwestern Industrial Electronic. 23.
James S. Spivey, Inc. 19.
Sprague Int. Ltd. 2.
Taylor Electrical Instruments Ltd. 2.
Telerad Mfg. Corp. 6-13-25.
Tel-Instrument Electronic Corp. 23-24.
Van Norman Industries, Inc. 19.
Venner Electronics Ltd. 6.
The Victoreon Instruments Co. 3-14-16.
Wandel & Goltmann 1-10-24.
Waterman Products Co., Inc. 24.
Wayne Kerr Labs. Ltd. 2-5-8-24-25.
Winston Electronics Ltd. 19.
ANNUNCIATORS
Amalgamated Electric Corp. Ltd.
Audio Vox Intercom Inc.
Automatic Telephone Sound Services Ltd.
Electronic Communications Ltd.
Electronic Materials International Ltd.
Electronic Research & Development Co. Ltd.
Ericsson Telephone Sales of Canada Ltd.
Fischer & Porter Canada Ltd.
Milltronics Ltd.
R. H. Nichols Ltd.
Powertronic Equipment Ltd.
Standard Electric Time Co. of Canada Ltd.
F. V. Topping Electronics Ltd.
Auth Electric Co., Inc.
Control Panel Corp.
The S. H. Couch Co., Inc.
Electro-Devices, Inc.
I.D.E.A., Inc.
Milman Engrg. Co.
Siemens-Schuckertwerke A. G.
Teletro Industries Corp.
Telephone Mfg. Co., Ltd.
ANTENNA FEED SYSTEMS
Airtcon Canada Ltd.
Beaconing Optical & Precision Matl. Co. Ltd.
Canadian General Electric Co. Ltd., E.E.&T.D.
Collins Radio Co. of Canada Ltd.
Electronic Materials International Ltd.
Electronic Research & Development Co. Ltd.
Fleet Mfg. Ltd.
Ferranti-Packard Electric Ltd.
RCA Victor Co. Ltd.
Sinclair Radio Labs. Ltd.
The Wind Turbine Co. of Canada Ltd.
Aerialite Ltd.
Belling & Lee Ltd.
Cascade Res. Div. of Monogram Precision Ind.
Diamond Antenna and Microwave Corp.
Dielectric Products Engineering Co., Inc.
Electronic Specialty Co.
Emerson & Cuming Inc.
B. F. Goodrich, Sponge Prods. Div.
Hughey & Phillips
I.T.E. Circuit Breaker Co.
E. F. Johnson Co.
D. S. Kennedy & Co.
Meridian Metalcraft, Inc.
Microwave Associates, Inc.
Prodelin, Inc.
Racal Engrg. Ltd.
Radiation, Inc.
W. H. Sanders Ltd.
Spencer Kennedy Labs., Inc.
Technicraft Lab., Inc.
Telerad Mfg. Corp.
Telrex Labs.
Tranco Prods., Inc.
Waldom Electronics, Inc.
ANTENNA PEDESTALS—Gear Driven Radar
Aviation Electric Ltd.
Canadian General Electric Co. Ltd., E.E.&T.D.
Decca Radar (Canada) Ltd.
Ferranti-Packard Electric Ltd.
Fleet Mfg. Ltd.
Found Bros. Aviation Ltd.
RCA Victor Co., Ltd.
Raytheon Canada Ltd.
Sinclair Radio Labs. Ltd.
Antlab, Inc.
Diamond Antenna & Microwave Corp.
Edo Corp.
I.T.E. Circuit Breaker Co.
D. S. Kennedy & Co.
Savage & Parsons Ltd.
Technical Appliance Corp.
ANTENNA REFLECTORS & LENSES
Airtcon Canada Ltd.
Amphenol Canada Ltd.
Andrews Antenna Corp. Ltd.
Beaconing Optical & Precision Matl. Co. Ltd.
Canadian General Electric Co. Ltd., E.E.&T.D.
Decca Radar (Canada) Ltd.
Dominion Aluminum Fabricating Ltd.
Ferranti-Packard Electric Ltd.
Fleet Mfg. Ltd.
Long Sault Woodcraft Ltd.
R.C.A. Victor Co. Ltd.
Raytheon Canada Ltd.

- Sinclair Radio Labs. Ltd.
The Wind Turbine Co. of
Canada, Ltd.
- Edo Corp.
Emerson & Cuming, Inc.
Frank R. Cook Co.
Diamond Antenna Microwave
Corp.
Dielectric Products Engineering
Co., Inc.
Emerson & Cuming Inc.
The General Electric Co. Ltd.
Gulton Industries Inc.
I.T.E. Circuit Breaker Co.
D. S. Kennedy & Co.
McMillan Industrial Corp.
Moran Prods. Co.
Prodelin, Inc.
W. H. Sanders Ltd.
Savage & Parsons Ltd.
Technical Appliance Corp.

ANTENNA ROTATORS

- Alliance Motors, Div. of the Easy
Washing Machine Co. Ltd.
- Canadian General Electric Co.
Ltd., E.E.&T.D.
Fleet Mfg. Co. Ltd.
Found Bros. Aviation Ltd.
The Garrett Mfg. Corp. of
Canada Ltd.
Kitchener Electronic Industries
RCA Victor Co. Ltd.
Radio Communications Equip-
ment & Engrg. Ltd.
- Sinclair Radio Labs Ltd.
The Wind Turbine Co. of
Canada Ltd.
- Airborne Instruments Lab Inc.
Alliance Mfg. Co.
Antlab Inc.
Bogart Mfg. Corp.
Cornell-Dubilier Elec. Corp.
Crown Controls Co., Inc.
Electronic Specialty Co.
Gulton Industries, Inc.
Hunter Tools
E. F. Johnson Co.
Radiant Corp.
Savage & Parsons Ltd.
Telrex Labs.

ANTENNA TOWERS & SUPPORTS

- Aviation Electric Ltd.
- Beatty Bros. Ltd.
- Benco Television Associates Ltd.
- Canadian General Electric Co.
Ltd., E.E.&T.D.
"Collben" Manufacturing Co.
Ltd.
- Delhi Metal Products Ltd.
Dominion Aluminum Fabricating
Ltd.
- Fleet Mfg. Co.
Long Sault Woodcraft Ltd.
McCarter Radio & Television
Ltd.
- Millard Electric Ltd.
Northern Electric Co. Ltd.
Par-Tex Engrg. & Contracting Co.
Ltd.
- Phillips Electrical Co. Ltd.
RCA Victor Co., Ltd.
- Sinclair Radio Labs. Ltd.
Teletype Mfg. Co. Ltd.
Tenatronics Ltd.
Valerite Electronics (Guelph)
Ltd.
- Walcan Ltd.
- The Wind Turbine Co. of
Canada Ltd.
- Aerialite Ltd.
Airborne Instruments Lab., Inc.
Alprodcio Inc.
Antlab, Inc.
Belling & Lee Ltd.
British Insulated Callender's
Cables Ltd.
- C.W.S. Waveguide Corp.
Gulton Industries, Inc.
Hughey & Phillips
I.E. Mfg.
- JFD Electronics, Inc.
D. S. Kennedy & Co.
Kenwood Engrg. Co., Inc.
Prodelin, Inc.
Rohn Mfg. Co.
Spencer Kennedy Labs., Inc.
Stainless Inc.
Telrex Labs.
Tri-ex Tower Corp.

ANTENNA TUNING UNITS

- Andrew Antenna Corp. Ltd.
Beaconing Optical & Precision
Matl. Co. Ltd.
- Canadian General Electric Co.
Ltd., E.E.&T.D.

- Collins Radio Co. of Canada Ltd.
Electronic Materials Interna-
tional Ltd.
Northern Electric Co. Ltd.
RCA Victor Co. Ltd.
Radio Communications Equip-
ment & Engrg. Ltd.
- Sinclair Radio Labs. Ltd.
T. M. C. (Canada) Ltd.
F. V. Topping Electronics Ltd.
The Wind Turbine Co. of
Canada Ltd.
- C.W.S. Waveguide Corp.
Diamond Antenna & Microwave
Corp.
- Dielectric Products Engineering
Co., Inc.
Electronic Specialty Co.
E. F. Johnson Co.
Racal Engrg. Ltd.
W. H. Sanders Ltd.
Savage & Parsons Ltd.
Spencer Kennedy Labs., Inc.

ANTENNAS

1. Airborne
Radar
Spinner
2. Aircraft
Type
3. All Wave
Receiving
4. Auto
7. Dummy
Loads
8. Fixed Station
Systems
9. fm Receiver
10. fm Trans-
mitter
11. Ground
Plane
12. Indoor
13. Loop
14. Marine
15. Microwave
16. Radar Re-
ceiving &
Trans-
mitting
17. Railroad
5. Broadcast
Station
Radiators
6. Directional
Antenna
Coupling &
Phasing
Units
18. Rotary
Beam
19. Telescope
20. Television
Receiving
21. Television
Built-in
22. Television
Multiple Set
23. Television
Trans-
mitting
24. uhf & vhf
25. vhf Omni-
directional
Radio
Range
- Airtron (Canada) Ltd. 1-2-6-7-15-
16.
- Amphenol Canada Ltd.
2-3-9-10-12-20-22-24.
- Andrew Antenna Corp. Ltd. 6-8-
10-11-15-16-19-23-24-25.
- Antiference Canada Ltd. 20.
- Aviation Electric Ltd. 14-16.
- Bayly Engineering Ltd. 6-7.
- Beaconing Optical & Precision
Matl. Co. Ltd. 1-6-8-15-16.
- Beama Engineering Ltd. 9-20.
- Beatty Bros. Ltd. 5-23.
- Brown Boveri (Canada) Ltd. 5-6-
7-8.
- Campbell Mfg. Co., Ltd. 4.
- Canadian General Electric Co.
Ltd. 1-5-6-7-10-15-16-23-24-25.
- Canadian Motorola Electronics
Ltd. 6-9-10-15-17-24-25.
- "Collben" Mfg. Co. Ltd. 3-9-20-
24.
- Collins Radio Co. of Canada
Ltd. 1-2-6-10-11-15-25.
- Decca Radar (Canada) Ltd. 16.
- Delhi Metal Prods. Ltd. 3-9-20.
- Dominion Aluminum Fabricating
Ltd. 15.
- Dominion Electrohome Ind. Ltd.
21.
- E.M.I. - Cossor Electronics Ltd.
16-24-25.
- Edo (Canada) Ltd. 6-14-16.
- Electronic Communications Ltd.
9-10-20-22-24.
- Electronic Materials Internation-
al Ltd. 2-13-14-24.
- Electronic Research & Develop-
ment Co. Ltd. 7-10-16.
- Ferranti-Packard Electric Ltd.
1-2-7-15-16.
- Fisher Research Lab. Ltd. 13-14.
- Fleet Mfg. Ltd. 15-16.
- General Instrument—F. W.
Sickles of Canada Ltd. 13.
- Hackbusch Electronics Ltd. 3.
- Jerrold Electronics (Canada) Ltd.
6-11-20-22.
- Lenkurt Electric Co. of Canada
Ltd. 15.
- Lindsay Antenna & Specialty
Prods. 10-20-23.
- Long Sault Woodcraft Ltd. 16.
- McCarter Radio & Television
Ltd. 8-9-11-18-20-22-24.
- Millard Electric Ltd. 5.
- Northern Electric Co. Ltd. 5-6-7-
9-23.
- Par-Tex Engrg. & Contracting
Co. Ltd. 5-15.
- The Plessey Co. of Canada Ltd.
7.
- Pye Canada Ltd. TV Trans. Div.
5-6-23.

- RCA Victor Co., Ltd. 5-6-7-8-
10-11-15-16-24-25.
- Radio Components Ltd. 4.
- Raytheon Canada Ltd. 13-14-15-
16.
- Research Industries Ltd.
6-7-8-24-25.
- Sperry Gyroscope Co. 7-14-15.
- Spilsbury & Tindall Ltd.
6-9-10-11-14-16-19-25.
- Sinclair Radio Labs. Ltd.
2-5-6-7-8-9-10-11-13-14-15-16-17-
18-19-20-23-25.
- T. M. C. (Canada) Ltd. 6-8-14.
- Teletype Systems Ltd. 8-9-10-
11-14-15-17-24.
- Teletype Mfg. Co. Ltd. 9-20-
22.
- Tenatronics Ltd. 14-19.
- F. V. Topping Electronics Ltd.
14.
- Valerite Electronics (Guelph)
Ltd. 1-6-16-24.
- Watkins Electronics Ltd. 22.
- The Wind Turbine Co. of Cana-
da Ltd.
3-5-6-7-8-9-10-11-18.
- Advance Components Ltd. 7-16.
- Aerialite Ltd. 3-4-9-12-19-20-22-
24.
- Airborne Instruments Lab., Inc.
6-15-16.
- Alford Mfg. Co. 5-15-20-24-25.
- American Electronic Labs., Inc.
1-2-6-15-22.
- American Electronics Co. 9-12.
- Applied Research Inc. 6-7.
- Automatic Coil Mfg. Ltd. 13.
- Rex Bassett Inc. 4-14.
- Belling & Lee Ltd.
3-4-9-12-20-23.
- Bendix Aviation Corp. (CDC)
1-6.
- Birnbach Radio Co., Inc. 3.
- Bogart Mfg. Corp. 2-6-7-15.
- C.W.S. Waveguide Corp. 1-7-15-16.
- The Carborundum Co., Global
Plant. 7.
- Chemalloy Electronics Corp. 7.
- Coaxial Connector Co., Inc. 6-7.
- Control Electronics Co., Inc.
7-13.
- Cornell Dubilier Electric Corp.
3-4.
- Crowell Designs. 14.
- Dale Prods., Inc. 2.
- Dayton Aircraft Prods., Inc. 2.
- Diamond Antenna Microwave
Corp. 1-15-16-18.
- Dielectric Products Engineering
Co., Inc. 2-5-6-8-9-10-11-14-15-
17-20-23-24-25.
- Eitel-McCullough, Inc. 7.
- Electronic Specialties Mfg. Corp.
2-15-16-24-25.
- Emerson & Cuming, Inc. 7-15.
- Empire Devices Products Corp.
24.
- FXR, Inc. 15.
- Filmohm Corp. 7.
- Finney Co. 9-20-21.
- The Gabriel Co. 6.
- General Cement Mfg. Co. 4-8-12-
15-16-19-20-21-23-24.
- The General Electric Co. Ltd.
7-15.
- General Radio Co. 7.
- B. F. Goodrich Sponge Prod.
Div. 7.
- Grundig Radio Works. 6-20.
- Guest Prods. Corp. 14.
- Gulton Industries Ltd.
1-2-6-11-13-15-16-18.
- Hallamore Electronics Co. 20-21-
22.
- Hughey & Phillips. 6.
- Hy-Gain Antenna Prods. 11-18.
- JFD Electronics, Inc. 20-21.
- Jerrold Electronics Corp. 22.
- E. F. Johnson Co. 18.
- M. C. Jones Electronics Co., Inc.
6-7.
- Kaar Engrg. Corp. 13.
- D. S. Kennedy & Co. 15-16.
- Lapp Insulator Co., Inc. 7.
- Levinthal Electronic Prods., Inc.
7.
- Meridian Metalcraft, Inc. 15-16.
- Microlab. 7.
- Microwave Associates, Inc. 7.
- Mosley Electronics Inc. 18.
- Murphy Radio Ltd. 2-16.
- Narda Microwave Corp. 7.
- Nems Clarke, Inc. 6-9-18-24.
- Norden Div., United Aircraft
Corp. 16.
- Peerless Prods. Ind. 4-12-19.
- Permanoid Ltd. 20.
- Phaotron Instrument & Elec-
tronic Co. 2.
- Photo Crystals, Inc. 6.
- Polarad Electronics Corp. 15.
- Polypphase Instrument Co. 7.
- Premax Prod., Div. of Chisholm-
Ryder Co., Inc. 2-8-11-14-19-24.
- Prodelin, Inc. 6-13-15.
- Radiation, Inc. 13.

- Radion Corp. 12-20.
- Redifon England Ltd. 13.
- Rohde & Schwarz 3-6-7-8-10-11-
15-23.
- S. & A. Electronics 9-20.
- W. H. Sanders Ltd. 1-15-16-18.
- Savage & Parsons Ltd. 16.
- Scala Radio Co.
10-11-20-22-23-24.
- Sierra Electronic Corp. 7.
- Sioux Radio Prod. 24.
- Spencer Kennedy Labs., Inc. 9-
10-23.
- The States Co. 7.
- Stratton & Co. Ltd. 14.
- Superec Electronics Corp. 12-13.
- Technical Appliance Corp. 1-6-9-
11-15-16-20-25.
- Teletro Industries Corp. 7.
- Telerad Mfg. Corp. 2-6-15-16.
- Telrex Labs. 11-18-25.
- J. Langham Thompson Ltd. 24.
- Tranco Prods., Inc. 1-2-3-7-15-
16-24.
- Vidaire Electronics Mfg. Corp.
20-22.
- WacLine, Inc. 7.
- Walco Electronics Mfg. Co. 20.
- Ward Prods. Corp. 4-9.

ATTENUATORS

1. Audio
2. Decade
3. Microwave,
Adjusted &
Calibrated
4. Microwave
Coaxial
5. Microwave
Step
6. rf & if
- Aerovox Canada Ltd. 2.
- Advance Components Ltd. 2.
- Airtron Canada Ltd. 3.
- Automatic Telephone & Sound
Services Ltd. 1.
- Bayly Engineering Ltd. 2-3.
- Benco Television Associates Ltd.
6.
- Canadian Marconi Co., Comm.
Prods. Div. 1.
- Canadian Marconi Co., Radio
Relay Div. 3-4-5.
- Canadian Research Institute 6.
- E.M.I.-Cossor Electronics Ltd. 4.
Electronic Communications Ltd.
1.
- Ferranti-Packard Electric Ltd. 3.
- Hackbusch Electronics Ltd. 1.
- Helipot Div., Beckman Instru-
ments, Inc. 2.
- Jerrold Electronics (Canada) Ltd.
6.
- Lenkurt Electric Co. of Canada
Ltd. 1.
- Muirhead Instruments Ltd. 1-2.
- National Sound Services Ltd. 1-2.
- Pylon Electronic Development
Co. Ltd. 4-6.
- Renfrew Electric Co. Ltd. 1-2.
- Sinclair Radio Labs. Ltd. 3-4-5.
- Sperry Gyroscope Co. 3-5-6.
- Standard Telephones & Cables
Mfg. Co. (Canada) Ltd. 6.
- Vector Labs. Inc. 1-2.
- Advance Components Ltd. 1-2.
- Airborne Instrument Lab., Inc. 6.
- American Electronic Lab., Inc.
6.
- Anderson Labs., Inc. 6.
- Applied Research, Inc. 4-6.
- Belling & Lee Ltd. 6.
- BJ Electronics, Borg-Warner
Corp. 2-6.
- Blonder-Tongue Labs., Inc. 6.
- Bogart Mfg. Corp. 3-4.
- British Physical Labs. 1-2-3-6.
- Cascade Research Div. 3.
- Chadwick-Helmuth Co. 2.
- Cinema Engrg. Div. of Aerovox
Corp. 1.
- Claroast Manufacturing Co. 1-6.
- Coaxial Connector Co., Inc.
1-2-3-4-5-6.
- Control Electronics Co., Inc.
5-6.
- A/S Danbridge. 2.
- Danbury-Knuden Div. of Am-
phenol Electronics Corp. 6.
- The Daven Co. 1-2-3-5.
- Dawson Instruments Ltd. 1-2.
- De Mornay-Bonardi 3-4.
- Diamond Antenna Microwave
Corp. 3-4-5.
- Douglas Microwave Co. Inc.
3-4.
- Electro-Measurements, Inc. 2.
- Electrodyn Corporation. 1.
- Electronic Associates Inc. 2.
- Electronic Specialty Co. 3-4-5.
- Emerson & Cuming, Inc. 3-5.
- Empire Devices Prods. Corp. 2-3-
4-5-6.
- Entron, Inc. 6.
- FXR, Inc. 3-4.
- Film Capacitors Inc. 2.
- Filmohm Corp. 3-4-5-6.
- General Radio Co. 2.
- B. F. Goodrich Sponge Prods.
Div. 3-4-5.
- Gulton Industries 2.

Hewlett-Packard Co. 1-2-3-5-6.
E. F. Johnson Co. 6.
Julie Research Labs., Inc. 2.
Kay Electric Co. 2-3-5-6.
Labtronics, Ltd. 1.
Lintronic Ltd. 1.
Maury & Associates 1-3-4-6.
Measurements, A McGraw
Edison Div. 2-6.
Meridian Metalcraft, Inc. 3-4-6.
Microlab 4-5-6.
Microwave Associates, Inc. 3.
Microwave Development Labs.,
Inc. 3.
Narda Microwave Corp. 4-5.
Orthon Filter Corp. 6.
Painton & Co. Ltd. 1-2-6.
Photo Crystals, Inc. 3.
Radar Design Corp. 3-4.
Radiometer 2.
Rohde & Schwarz 1-2-3-4-5-6.
W. H. Sanders (Electronics) Ltd.
3-4-5.
Shallcross Mfg. Co. 1-2.
Siemens & Halske A.G. 1.
Telefunken, GmbH, 1.
Tech. Labs., Inc. 2-6.
Telrad Mfg. Corp. 2-6.
Teletronics Labs., Inc. 2-6.
Telonic Industries, Inc. 2-3.
Trans Electronics Corp. 1.
Trad Electronics Corp. 2-3.
Vidair Electronics Mfg. Corp.
1-6.
Waveline Inc. 3-4-5.
Weinschel Engineering & Mfg.
Corp. 2-3-4-5.
Welwyn Electrical Labs., Ltd. 1.

B

BAFFLES—Speaker

Addison Industries Ltd.
Armco Branded Electronic
Components.
Audio Vox Intercom Ltd.
Bishop Sons & Co. Ltd.
Canadian General Electric Co.,
Dalyn Industries
E.M.I. Cossor Electronics Ltd.
Electronic Communications Ltd.
Electronic Enterprises Ltd.
E.E. & T.D.
Electronic Research & Develop-
ment Co. Ltd.
Engineered Sound Systems Ltd.
Eriasson Telephone Sales of
Canada Ltd.
Hackbusch Electronics Limited
Hammond Mfg. Co. Ltd.
McCurdy Radio Industries Ltd.
National Sound Services Ltd.
Northern Electric Co. Ltd.
Peffer Sound Systems Ltd.
Peter Munk Associates Ltd.
Ronnie Leather Goods.
Woodcraft Service Co.
York Woodcraft Ltd.
Argos Prods. Co., Inc.
R. J. Audio Prods.
Beam-Echo Ltd.
Croname, Inc.
Fourjay Industries
Hartley Prods. Co.
Isophon Speakers
Jensen Mfg. Co.
Lowell Mfg. Co.
R. W. Neill Co., Inc.
Peerless Fabrikkerne A/S.
Peerless Prods., Inc.
Premier Metal Prods. Co.
Racon Electric Co. Inc.
Saxton Prods., Inc.
Sonotone Corp.
Soundolier, Inc.
Stromberg Carlson Co.
Tannoy Prods., Ltd.
The Trix Electric Co. Ltd.
Utah Radio Prods. Corp.
Vitalvox Ltd.
Wharfedale Wireless Works Ltd.
Whiteley Electrical Radio Co.
Ltd.

BARRETTERS

Amalgamated Electric Corp. Ltd.
Sperry Gyroscope Co.
Rogers Electronic Tubes & Com-
ponents, Div. of Philips Elec-
tronic Industries, Ltd.
Elektromesstechnik Wilhelm
Franz
Measurements, A McGraw-
Edison Div.
Siemens Edison Swan Ltd.
Siemens & Halske A.G.

BATTERIES

1. Dry 4. Storage
2. Mercury 5. Storage
3. Standard Nonspill
Cell
Amalgamated Electric Corp.,
Ltd. 4.

Automatic Electric (Canada)
Ltd. 3-4.
Burgess Battery Co. 1.
The Canadian Fairbanks-Morse
Co. Ltd. 1-4.
Daystrom Ltd. (Weston) 3.
Electric Storage Battery Co. 4.
Globelette Batteries Ltd. 4.
Gould-National Batteries of
Canada Ltd. 3-4-5.
Hart Battery Co. Ltd. 4.
Leeds & Northrup Canada Ltd.
3.
Mallory Battery Co. of Canada
Ltd. 1-2-3.
Muirhead Instruments Ltd. 3.
National Carbon Co. 1-3-4.
Polytronics Co. 3.
Ray-O-Vac (Canada) Ltd. 1.
Silvercell of Canada Ltd. 4-5.
Syntrol (Canada) Ltd. 6.
Ward Leonard of Canada Ltd.
1-4.
Cambridge Instrument Co. Ltd.
3.
Chloride Electrical Storage Co.
Ltd. 4.
Frank R. Cook 4-5.
Gill Electric Mfg. Corp. 4.
Gulton Industries, Inc. 4-5.
Magnavox Co. 2.
Metra Corporation 3.
Patterson, Moos Div. of Uni-
versal Winding Co., Inc. 4.
W. G. Pye Co. Ltd. 3.
Reading Batteries 2-3-4-5.
Siemens & Halske A.G. 6.
Sonotone Corp. 4.

BATTERY CHARGERS

1. Electron 4. Motor
Tube Generator
2. Engine 5. Portable
Driven 6. Selenium
3. Metallic
Oxide
Acme Electric Corp. Ltd. 5-6.
Aircraft Appliances & Eqp't. Ltd.
1-2.
Amalgamated Electric Corp.
Ltd. 6.
Automatic Electric (Canada)
Ltd. 3-4-6.
Bepco Canada Ltd. 6.
The Canadian Fairbanks-Morse
Co. 2-4-5.
Canadian General Electric Co.,
E.E. & T.D. 3-4.
Canadian Line Materials Ltd.
1-3-5-6.
Canadian Research Institute.
1-3-5-6.
Canadian Westinghouse Co. Ltd.,
Electronics Div. 3-6.
Davis Automatic Controls Ltd.
5-6.
Electric Storage Battery Co. Ltd.
3-4-6.
Electronic Communications Ltd.
1-3-6.
Electronic Controls Ltd. 1-3-5-6.
Electronic Engineering. 6.
Eriasson Telephone Sales of
Canada Ltd. 3-6.
B. F. Goodrich Canada Ltd. 5.
Ind. Electronics Div. C. C. Mere-
dith 1-2-4-5-6.
Joy Mfg. Co. (Canada) Ltd. 5.
Magnetic Coil Co. 5-6.
National Sound Services Ltd. 6.
R. H. Nichols Ltd. 3-6.
Osborne Electric Co. Ltd. 1-6.
Powertronic Equipment Ltd. 5-6.
Research Industries Ltd. 1-6.
Rotronic Corp. Ltd. 5.
Sola Electric (Canada) Ltd. 3-5.
Standard Telephones & Cables
Mfg. Co. (Canada) Ltd. 6.
Standard Television Prods. Ltd.
6.
F. V. Topping Electronics Ltd.
3-6.
Triad Instruments & Controls
Ltd. 6.

American Television & Radio. 5.
Beckman Instruments Inc.,
Instruments Div. 1.
Christie Electric Corp. 3-5-6.
H. Clarke & Co. (Manchester)
Ltd. 6.
Control Panel Corp. 1-3-6.
Cornell Dubilier Electric Corp.
5-6.
The Electronic Construction Co.
2-4-6.
Electronic Instrument Co., Inc.
6.
Electronic Measurements Corp. 3.
Etelco Ltd. 3.
Fansteel Metallurgical Corp. 1-6.
Leach Corp. Inet. Div. 2-4-6.
Lorain Prods., Corp. 3-4-6.
P. R. Mallory & Co. Inc. 6.
Motor Generator Corp. 2-4.
N.J.E. Corp. 6.
Nutron Mfg. Co., Inc. 5-6.

Opad Electric Co. 1-3-5-6.
Pelapion Engines Ltd. 2.
Perkin Engrg. Corp. 3-6.
S.A.F.T. Accumulators. 4-5.
Schauer Mfg. Corp. 3-5-6.
Siemens Edison Swan Ltd. 1-6.
Siemens-Schuckertwerke A.G.
2-4-5-6.
Siemens & Halske A.G. 3-6.
Triple-A Specialty Co. 5-6.
Universal Transistor Prods. Corp.
5-6.
Vectrol Engrg. Inc. 1.
Walker Rectifier Co. 1.
Westinghouse Brake & Signal Co.
Ltd. 3-6.

BEACONS—Radar

Beaconing Optical & Precision
Matls. Co. Ltd.
Canadian General Electric Co.,
Ltd., E.E. & T.D.
Collins Radio Co. of Canada
Ltd.
Decca Radar (Canada) Ltd.
E.M.I.-Cossor Electronics Ltd.
Ferranti-Packard Electric Ltd.
Measurement Engrg. Ltd.
RCA Victor Co. Ltd.
Raytheon Canada Ltd.
Richardson-Allen of Canada Ltd.
6.
Sperry Gyroscope Co.
The Wind Turbine Co. of
Canada Ltd.

Atomic Labs., Inc.
Airttron, Inc.
Bendix Aviation Corp.
Bomac Labs., Inc.
Control Electronics Co., Inc.
Designers for Industry, Inc.
Emerson & Cuming, Inc.
General Communications.
Lavoie Labs., Inc.
Measurements, A McGraw-
Edison Div.
Murphy Radio Ltd.
Perkin Engrg. Corp.
Telrad Mfg. Corp.
Transco Prods., Inc.

BEACONS—Radio Navigation

Beaconing Optical & Precision
Matls. Co. Ltd.
Canadian General Electric Co.
Ltd.
Collins Radio Co. of Canada Ltd.
Decca Radar Canada Ltd.
E.M.I.-Cossor Electronics Ltd.
Electronic Research & Develop-
ment Co. Ltd.
Ferranti-Packard Electric Ltd.
Fisher Research Lab. Ltd.
Measurement Engrg. Ltd.
Radio Communications Equip-
ment & Engrg. Ltd.
Raytheon Canada Ltd.
Standard Telephones & Cables
Mfg. Co. (Canada) Ltd.

Airborne Instruments Lab. Inc.
Control Electronics Co., Inc.
Radio Corp. of America.
Simmonds Aerocessories, Inc.
Transco Products, Inc.

BEARINGS

1. Jewel 4. Radar Antenna, Ball
2. Miniature or Roller
3. Miniature Needle
The Canadian Fairbanks-Morse
Co. Ltd. 4.
Canadian Research Institute 1.
National Fibre Co. of Canada
Ltd. 4.
R & M Bearings Canada Ltd.
2-3-4.
Dynamic Gear Co., Inc. 2-4.
Fischer Bearings Co. Ltd. 2-4.
Goley-Buchel, L.
Hartford Steel Ball Co., Inc. 1.
Landis & Gyr, Inc. 2.
Marion Electrical Instr. Co. 1.
Miniature Precision Bearings, Inc.
1-2-3.
Norma-Hoffman Bearings Corp.
PIC Design Corp. 2.

BENDES—Microwave

Airttron Canada Ltd.
Andrew Antenna Corp. Ltd.
Collins Radio Co. of Canada
Ltd.
E.M.I.-Cossor Electronics Ltd.
Sinclair Radio Labs., Ltd.
Bogart Mfg. Corp.
Chemalloy Electronics Corp.
Diamond Antenna Microwave
Corp.

Dielectric Products Engrg. Co.,
Ltd.
De Mornay-Bonardi
FXR, Inc.
B. F. Goodrich, Sponge Prods.
Div.
I.T.E. Circuit Breaker Co.
D. S. Kennedy & Co.
Measurements, A McGraw-
Edison Div.
Meridian Metalcraft, Inc.
Microwave Associates, Inc.
Narda Microwave Corp.
Radio Corp. of America.
Rohde & Schwarz
W. H. Sanders Ltd.
Technicraft Labs., Inc.
Telrad Mfg. Corp.
Transco Prods., Inc.
Waveline, Inc.

BLOCKS—Fuse Blocks & Holders

Burndy Canada Ltd.
Canadian General Electric Co.
Ltd., E.E. & T.D.
Electronic Components Ltd.
Eriasson Telephone Sales of
Canada, Ltd.
H. B. Elin Co. Ltd.
Holub Industries Inc.
Great Lakes Electrical Special-
ties, Ltd.
Lenkurt Electric Co. of Canada
Ltd.
National Fibre Co. of Canada
Ltd.
Oki & Willadsen Ltd.
Raytheon Canada Ltd.
Smith & Stone Ltd.
Spaulding Fibre Co. of Canada
Ltd.
United-Carr Fastener Co. of
Canada Ltd.

Accurate Electronics Corp.
Aerialite Ltd.
Aerolite Electronics Corp.
Amatom Electronic Hardware
Co., Inc.
Belling & Lee Ltd.
A. F. Bulgin & Co. Ltd.
Bussmann Mfg., Div., McGraw-
Edison Co.
Hugh H. Eby Co. Inc.
Fuse Indicator Corp.
Littelfuse Inc.
Permonite Mfg. Co.
Walker Rectifier Co.
Walco Electronics Mfg. Co.

BLOWERS—Small

Canadian Armature Works Inc.
Canadian General Electric Co.
Ltd., E.E. & T.D.
The Canadian Fairbanks-Morse
Co. Ltd.
Canadian Westinghouse Co. Ltd.
Dominion Electrohome Indus-
tries Ltd.
The Garrett Mfg. Corp. of
Canada Ltd.
The Hoover Co. Ltd.
Joy Mfg. Co. (Canada) Ltd.
Northern Radio Mfg. Co., Ltd.
The Plessey Co. of Canada Ltd.
Torrington Mfg. Co. of Canada
Ltd.

Air-Marine Motors, Inc.
Amco Engineering Co.
Diehl Mfg. Co.
Globe Ind. Inc.
Great Lakes Mfg. Corp.
Ideal Industries Ltd.
Induction Motors Corp.
McLean Engrg. Labs.
John Oster Mfg. Co.
H. P. Preis Engraving Machine
Co.
Ripley Co., Inc.
Rotating Components, Inc.
Rotron, Inc.
Sanders Associates, Inc.
Servomechanisms Inc.,
Mechatrol Div.

BOARDS—Capacitor or Resistor

Allied Circuit Techniques Ltd.
Cambridge Thermionic
Cyanamid of Canada Ltd.
Electronic Communications Ltd.
Lenkurt Electric Co. of Canada
Ltd.
Measurements Engrg. Ltd.
Oki & Willadsen
Renfrew Electric Co. Ltd.
Servomechanisms (Canada) Ltd.
Spaulding Fibre of Canada Ltd.
T.M.C. (Canada) Ltd.
F. V. Topping Electronics Ltd.
United-Carr Fastener Co. of
Canada

Aerolite Electronics Corp.
Atlas E-E Corp.
Automatic Coil Co., Inc.
A. F. Bulgin & Co. Ltd.
Firma Tage Schouboe
■ Grayhill, Inc.
Harwin Engineers Ltd.
Julie Research Labs., Inc.
Lenco Electronics, Inc.
Littelfuse Inc.
Litton Industries, Inc.
National Tel-tronics Corp.
Walker Rectifier Co.

BOARDS—Plotting

■ Canadian Westinghouse Co., Ltd., Electronics Div.
Beaconing Optical & Precision
Matls. Co. Ltd.
Ferranti-Packard Electric Ltd.
George Kelk Ltd.
Oki & Willadsen Ltd.

California Computer Products
Electronic Associates Inc.
Serve Corp. of America
Tally Register Corp.

BOARDS—Plug

■ Allied Circuit Techniques Ltd.
■ Canadian Westinghouse Co., Ltd., Electronics Div.
■ Cyanamid of Canada Ltd.
■ International Business Machines Co.
Lenkurt Electric Co. of Canada Ltd.
Oki & Willadsen Ltd.
Standard Electric Time Co. of Canada Ltd.

Electronic Assoc. Inc.
Harwin Engineers Ltd.
Lenco Electronics, Inc.
National Tel-Tronics Corp.
Pomona Electronics Co.

BOARDS—Strip Type

■ Cambridge Thermionic
■ Measurement Engrg. Ltd.
Oki & Willadsen Ltd.
Spaulding Fibre of Canada Ltd.

Alcon Metal Prods., Inc.
Auth Electric Co. Inc.
Automatic Coil Co., Inc.

■ Grayhill, Inc.
Harwin Engineers Ltd.
Lenco Electronics Inc.
Litton Industries, Inc.
Mandex Mfg., Co.
National Tel-Tronics Corp.
Permonite Mfg. Co.

BOBBINS

C. Coil Winding

T. Transformer Winding
Cyanamid of Canada Ltd. C-T.
Eriasson Telephone Sales of Canada Ltd. C.
National Fibre Co. of Canada Ltd. C.
Oki & Willadsen Ltd. C.
Osborne Electric Co. Ltd. C-T.
Paisley Products of Canada Ltd. C-T.
Polytronics Co. C-T.
■ S. G. Smallwood Ltd. C.
Spaulding Fibre of Canada Ltd. C-T.

Advance Components Ltd. C.
American Molded Prods. C.
Associated American Winding Machinery. C-T.
Boesch Mfg. Co., Inc. C.
H. Clarke & Co. (Manchester) Ltd. C-T.
Cosmo Plastics. C.
Crown Industrial Products Co. C.
Electronic Mechanics, Inc. C-T.
Epoxy Products, Inc. C.
Gries Reproductor Corp. C.
Julie Research Labs. Inc. C.
Precision Tube Co., Inc. C.
Whiteley Electrical Radio Co. Ltd. C-T.

BOOSTERS—Television

Addison Industries Ltd.
Beama Engrg. Ltd.
Benco Television Associates Ltd.
■ Canadian General Electric Co., E.E. & T.D.
■ E.M.I. - Cossor Electronics Ltd.
Jerrold Electronics Corp.
Regency Electronics Ltd.
Standard Television Prods. Ltd.
Watkins Electronics Ltd.

Aerialite Ltd.
Belling & Lee Ltd.
Blonder-Tongue Labs., Inc.
Entron, Inc.
General Cement Mfg. Co.
Murphy Radio Ltd.

Technical Appliance Corp.
Television Utilities Corp.

BREADBOARD KITS—

Electronic

Addison Industries Ltd.
■ Allied Circuit Techniques Ltd.
■ Hellipot Div., Beckman Inst.
■ Philco Corp. of Canada Ltd.
■ Rogers Electronic Tubes & Components, Div. of Philips Electronics Industries, Ltd.
■ Stark Electronic Instruments Ltd.

A.P.T. Electronics Ltd.
Allen B. Du Mont Labs., Inc.
National Co., Inc.
P.I.C. Design Corp.
Pomona Electronics Co.
Precision Metal Products
Rainbow Radio Mfg. Co. Ltd.
Reeves Instrument Corp.
Science Electronics, Inc.
Servomex Controls Ltd.
Stanley Aviation Corp.
Technibilt Corp.
Vactric (Control Equipment) Ltd.
Vector Electric Co.

BREAKERS—Circuit

Canadian Controllers Ltd.
Canadian Cutler-Hammer Ltd.
■ Canadian General Electric Co. Ltd., E.E. & T.D.
■ Canadian Westinghouse Co. Ltd.
Osborne Electric Co. Ltd.
Lucas-Rotax Ltd.
Pioneer Controls Ltd.
The Plessey Co. of Canada, Ltd.
Tecneek Associates.

Belling & Lee Ltd.
Ellenberger & Poensgen GmbH.
George Ellison Co.
Heinemann Electric Co.
Littelfuse Inc.
M.T.E. Control Gear Ltd.
Mechanical Products, Inc.
Metals & Controls Corp.
S.K.L. Instruments.
Siemens-Schuckertwerke A.G.
The Wood Electric Co.

BRIDGES

1. Capacitance	6. Megohm
2. Cathode	7. Resistance
Interface	8. Temperature
Impedance	9. Thermistor
3. Electrical	10. vhf
4. Impedance	11. Wheatstone
5. Inductance	

Advance Components Ltd. 1-4-5.
Aerovox Canada Ltd. 1.
■ Bach Simpson Ltd. 8-9.
■ Barber-Colman of Canada Ltd. 8-9-11.
Bayly Engineering Ltd. 4-5.
The Bristol Co. of Canada Ltd. 7-8.
■ Canadian General Electric Co. Ltd., E.E. & T.D. 3-7.
Canadian Marconi Co., Comm. Prods. Div. 1-4-5-7-11.
■ Canadian Research Institute. 1-3-6-7-8-9-11.
Central Scientific Co., of Canada Ltd. 11.
Daystrom Ltd. (Heath) 4.
Honeywell Controls Ltd. 7-11.
Leeds & Northrup (Canada) Ltd. 1-7-8-11.
■ Measurement Engrg. Ltd. 8-9.
■ Muirhead Instruments Ltd. 1-3-4-5-7-11.
Polytronics Co. 6-7-8-11.
■ Sinclair Radio Labs. Ltd. 9.
■ Standard Telephones & Cables Mfg. Co. (Canada) Ltd. 4.
Tecneek Associates 1-3-4-5-6-7-11.
Thermovolt Instruments Ltd. 3-4-5-6-7-8-9-10-11.
Tinsley Instruments (Canada) Ltd. 1-3-5-6-7-8-10.
Triad Instruments & Controls Ltd. 8-9.
Vector Labs. Inc. 3-8-9-11.

AEG 3-6-7-8.
Aero Research Instrument Co., Alford Mfg. Co. Inc. 3-6-7-8-11.
■ Allegany Instr. Co., Inc. 8.
Associated American Winding Machinery. 1-3-7.
Associated Research, Inc. 6-7.
Avien, Inc. 1-8.
Avo Ltd. 1-3-4-5.
B & F Instruments Inc. 7.
Barnes Development Co. 1-6-7.
■ Beckman Berkeley Div. 7.
Boonton Electronics Corp. 1-3-4-5-7.
■ Bruel & Kjaer 1-3-4-5-7.
■ British Physical Labs. 1-3-4-5-6-7-8-11.

Cambridge Instrument Co. Ltd. 1-3-4-5-6-7-8-11.
Chadwick-Helmuth Co. 1-4-5-7.
Clough-Bregle Co. 1.
Consolidated Resistance Co. of America. 1-3-4-6-7-8-9-11.
Cornell-Dubilier Elec. Corp. 1.
Croydon Precision Instrument Co. 7-11.
Dale Prods. Inc. 7.
A/S Danbridge. 1-3-4-5-7.
Dawe Instruments Ltd. 1-4-5-6-7.
Dyna-Empire, Inc. 11.
Electro-Measurements Corp. 1-3-4-5-7-11.
Electronic Instruments Ltd. 6-7.
Electronic Measurements Corp. 1.
Fisher Research Lab. Inc.
John Fluke Mfg. Co., Inc. 3.
Franklin Electronic, Inc. 1.
General Radio Co. 1-4-5-6-11.
Guilton Ind. 1-9.
Hartmann & Braun A.G. 1-3-4-5-6-7-9-11.
Hewlett-Packard Co. 4-10.
Industrial Control Co. 1.
Industrial Development Labs., Inc. 1-4-7-9.
Industrial Instruments, Inc. 4-6-11.
I/S Jensen Electric. 1.
Julie Research Labs. Inc. 7-11.

Kearfott Co. Inc. 7.
Dipl. Ing. Ulrich Knick. 6.
Manson Labs., Inc. 2.
■ Measurements, A McGraw-Edison Div. 9.
Metra Corp. 3-6-7-11.
Metrawatt A.G. 11.
Metronix 1-4-5-6-7.
Mid-Eastern Electronics. 1-3-4-5-6-7.
■ Muirhead & Co. Ltd. 1-3-4-5-7-11.
Nash & Thompson Ltd. 1.
National Co. Inc. 1-7-11.
W. G. Pye Co., Ltd. 3-4-5-6-7-8-9-11.
Radiometer 1-4-5-6-7.
Ribet Desjardins 6.
Rinco, Inc. 1-4-5-7-11.
Robertshaw-Fulton Controls Co., Instrument Div. 1-3.
Rohde & Schwarz 1-3-4-5-7.
Arthur C. Ruger, Inc. 8.
Gebr. Ruhstrat. 3-5-7-10-11.
Savage & Parsons Ltd. 7-8-11.
Shallcross Mfg. Co. 1-3-6-7-11.
■ Siemens & Halske, A.G. 1-7.
Sifam Electrical Instrument Co. Ltd. 8-9.
Simmonds Aerocessories Inc. 1.
Southern Instruments Ltd. 11.
Southwestern Industrial Electronics Co. 1-5-7.
James S. Spivey Inc. 4.
Sprague International Ltd.
H. W. Sullivan Ltd. 6-11.
Tech. Laboratories, Inc. 11.
Telerad Mfg. Corp. 9.
■ Waters Mfg. Inc. 2.
Wayne Kerr 1-3-4-5-7-10.

BROADCAST INPUT CONTROL EQUIPMENT

The American Superior Electric Co. Ltd.
■ Canadian General Electric Co. Ltd., E.E. & T.D.
■ Canadian Research Institute
Collins Radio Co. of Canada Ltd.
■ E.M.I.-Cossor Electronics Ltd.
Electronic Communications Ltd.
McCurdy Radio Industries Ltd.
■ R. H. Nichols Ltd.
Northern Electric Co. Ltd.
RCA Victor Co., Ltd.
W. L. Maxson Co.
Telefunken GmbH.

BUSHINGS—Hermetically Sealed

Osborne Electric Co., Ltd.
Paisley Prods. of Canada Ltd.
■ Quality Hermetics Ltd.
Automatic & Precision Mfg. Co.
Corning Glass Works, Electrical Prods. Div.
Henry & Thomas Ltd.
Lundey Associates, Inc.

BUSHINGS—Metallic

R & M Bearings Canada Ltd.
Y.W. Small Parts Ltd.
Amatom Electronic Hardware Co., Inc.
Birnbach Radio Co., Inc.
General Cement Mfg. Co.
Johnson Bronze

Litton Industries, Components Div.
Peerless Prods., Inc.

BUSHINGS—Nonmetallic

Armet Industries Ltd.
Continental-Diamond Fibre of Canada Ltd.
Cyanamid of Canada Ltd.
Johnson Bronze
Lion Rubber & Plastics Ltd.
National Fibre Co. of Canada Ltd.
Paisley Prods. of Canada Ltd.
R & M Bearings Canada Ltd.
Spaulding Fibre Co. of Canada Ltd.
Y.W. Small Parts Ltd.
Birnbach Radio Co., Inc.
Geo. Bray & Co. Ltd.
■ Centralab Div., Globe-Union, Inc.
H. Clarke & Co. (Manchester) Ltd.
Industrial Mechanics, Inc.
General Cement Mfg. Co.
Heyman Mfg. Co.
Peerless Prods., Inc.
Polypenco, Inc.

C

CABINETS—Metal

Amalgamated Electric Corp. Ltd.
Bailey Meter Co., Ltd.
■ Barber-Coleman of Canada Ltd.
Bishop Sons & Co. Ltd.
Canadair Ltd.
Canadian Admiral Corp. Ltd.
■ Canadian General Electric Co. Ltd., E.E. & T.D.
■ Canadian Line Materials Ltd.
Collins Radio Co. of Canada Ltd.
Croname (Canada) Ltd.
Dominion Aluminum Fabricating Ltd.
Electronic Communications Ltd.
Electronic Research & Development Co. Ltd.
Fleet Mfg. Ltd.
The Foxboro Co. Ltd.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
■ Hammond Mfg. Co. Ltd.
Humble Mfg. Co. Ltd.
Lenkurt Electric Co. of Canada Ltd.
■ Measurement Engrg. Ltd.
National Sound Services Ltd.
Northern Electric Co. Ltd.
Powertronic Equipment Ltd.
Proto Tools of Canada Ltd.
RCA Victor Co. Ltd.
Renfrew Electric Ltd.
Research Industries Ltd.
Spilsbury & Tindall Ltd.
Strippit Tool & Machine Co.
T.M.C. (Canada) Ltd.
Tele-Radio Systems Ltd.
Waterloo Metal Stampings Ltd.

A. P. T. Electronics Ltd.
Akro-Mils, Inc.
■ Amco Engineering Co.
Bud Radio Inc.
Budelmann Electronics Corp.
Churchill Lighting Corp.
Conrad, Inc.
Control Panel Corp.
Craig Systems Inc.
■ Edo Corp.
Falsstrom Co.
Alfred Imhof, Ltd.
Meridian Metalcraft, Inc.
Metal Works, Inc.
R. W. Neill Co., Inc.
Paulite Plastics Co. Ltd.
■ Premier Metal Products Co.
Stratton & Co. Ltd.
Union Steel Chest
United Aircraft Prods. Inc.
Whiteley Electrical Radio Co. Ltd.
Wiedemann Machine Co.

CABINETS—Plastic

Canadair Ltd.
Canadian Admiral Corp. Ltd.
■ Canadian General Electric Co. Ltd.
Electronic Communications Ltd.
The General Tire & Rubber Co., Ltd.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
Hathaway Kraemer Ltd.

Akro-Mils, Inc.
Allied Plastics Supply Corp.
■ Amco Engineering Co.
Waldom Electronics Inc.

CABINETS—Wood

Addison Industries Ltd.

Ashman Electronics Ltd.
Canada Cabinets & Furniture
Co. Ltd.
Dominion Electrophome Industries
EV of Canada Ltd.
Electronic Communications Ltd.
Electronic Enterprises Ltd.
Hackbusch Electronics Ltd.
(Stromberg-Carlson)
Peter Munk Associates Ltd.
National Sound Services Ltd.
Ronnie Leather Goods Ltd.
Woodcraft Services Co.
York Woodcraft Ltd.

Argos Products Co. Inc.
Electro Voice, Inc.
Hartley Products Co.
Jensen Mfg. Co.
Lornell Mfg. Co.
Oxford Components, Inc.
Racon Electric Co. Inc.
Tannoy Prod. Ltd.
Whitley Electrical Radio Co.
Ltd.

CABLE ASSEMBLIES

Addison Industries Ltd.
Airtorn Canada Ltd.
Amcan Electrical Harness Ltd.
Amphenol Canada Ltd.
Beaconing Optical & Precision
Matl. Co. Ltd.
Campbell Manufacturing Co.
Ltd.
Cannon Electric Canada Ltd.
Electronic Components Ltd.
Electronic Controls Ltd.
Electronic Enterprises
Federal Wire & Cable Co. Ltd.
Jock Mfg. Ltd.
Floy Mfg. Co. (Canada) Ltd.
Lengkurt Electric Co. of Canada
Ltd.
Measurement Engrg. Ltd.
National Sound Services Ltd.
R. H. Nichols, Ltd.
Phillips Electrical Co. Ltd.
Raytheon Canada Ltd.
N. Slater Co. Ltd.
T.M.C. (Canada) Ltd.
Tele-Radio Systems Ltd.
F. V. Topping Electronics Ltd.
Vector Labs. Inc.

Aerialite Ltd.
Aero Research Instrument Co.,
Inc.
Alpha Wire Corp.
Auth Electric Co. Inc.
Bendix Aviation Corp., Scintilla
Div.
Birnback Radio Co., Inc.
California Technical Industries,
Div. of Textron, Inc.
Dale Prods., Inc.
Diamond Antenna Microwave
Corp.
Entron, Inc.
Haveg Industries
Hitemp Wires Inc.
Microdot, Inc.
Pacific Automation Prods., Inc.
Permonite Mfg. Co.
Phalo Plastic Corp.
Revere Corp. of America
Saxton Prods. Inc.
Switchcraft, Inc.
Vidair Electronics Mfg. Corp.
Walsco Electronics Mfg. Co.
Wharfedale Wireless Works Ltd.

CABLE CLAMPS & CLIPS

Aircraft Appliances & Eqpt. Ltd.
Aluminum Co. of Canada Ltd.
Amphenol Canada Ltd.
Automatic Electric (Canada)
Ltd.
Beatty Bros. Ltd.
Burndy Canada Ltd.
Canadian Line Materials Ltd.
Cannon Electric Canada Ltd.
Dominion Fasteners Ltd.
Electronic Components Ltd.
Ericsson Telephone Sales of
Canada Ltd.
H. B. Ettlin Co., Ltd.
Hellerman (Canada) Ltd.
National Fibre of Canada Ltd.
R. H. Nichols, Ltd.
Northern Nylon Molding Corp.
Paisley Prods. of Canada Ltd.
Phillips Electrical Co., Ltd.
Shakeproof/Fastex
N. Slater Co., Ltd.
United-Carr Fastener Co. of
Canada
Waterloo Metal Stampings Ltd.

Aerialite Ltd.
Amatom Electronic Hardware
Co., Inc.
Atlas E-E Corp.
Birnback Radio Co., Inc.
Bud Radio Corp.
Cinch Mfg.
Commercial Plastics Co.
Evershed & Vignoles Ltd.

Exacto Industries, Inc.
Firma Tage Schouboe
General Cement Mfg. Co.
Holub Industries, Inc.
Illumitronic Engrg.
Nylon Molding Corp.
Pacific Automation Prods., Inc.
Permanoid Ltd.
Weckesser Co.

CABLE

- | | |
|--------------|---------------|
| 1. Coaxial | 5. Microphone |
| 2. Coaxial | 6. Shielded |
| 3. Rigid | 7. Transmis- |
| 4. Insulated | 8. uhf |
| Low | |
| Capacitance | |

Aluminum Co. of Canada Ltd.
3-7.
Amphenol Canada Ltd. 1-2-3-4-5-
6-7.
Andrew Antenna Corp. Ltd. 1-2-
7-8.
Benco Television Associates,
Ltd. 1.
Becco Canada Ltd. 3-6-7.
Boston Insulated Wire & Cable
Co. Ltd. 1-2-3-4-5-6-7-8.
Canada Wire & Cable Co. Ltd.
1-3-4-5-6-7.
Canadian General Electric Co.,
E.E. & T.D. 3-5-6-7.
Deca Radar (Canada) Ltd. 7.
Electronic Components Ltd. 3.
Ericsson Telephone Sales of
Canada Ltd. 1-2-3-6-7.
Federal Wire & Cable Co. Ltd.
1-2-3-4-5-6-7-8.
General Wire & Cable Co. Ltd.
1-2-3-4-5-6-7-8.
Jerdol Electronics (Canada) Ltd.
1.
R. Mack & Co. Ltd. 5.
Northern Electric Co. Ltd. 1-2-3-
4-5-6.
Phalo Plastics Corp. 1-2-3-4-5-6.
Phillips Electrical Co. Ltd. 1-2-3-
4-5-6-7.
Pirelli Cables, Conducts Ltd. 3-7.
RCA Victor Co. Ltd. 5-7.
Renfrew Electric Co. Ltd. 3.
Standard Telephones & Cables
Mfg. Co. (Canada) Ltd. 1-7.

Aerialite Ltd. 1-3-4-5-6-8.
Aero Research Instrument Co.,
Inc. 3.
Alford Mfg., Co. 2.
Allied Plastics Supply Corp.
1-3-6.
Alpha Wire Corp. 1.
American Super-Temperature
Wires Inc. 1.
Associated American Winding
Machinery. 1-3-6.
Associated Engrg. Corp. 3.
Belden Mfg. Co. 1-2-3-4-5-6-7-8.
Berkshire Electric Cable. 1-2-3-5-
6-7-8.
Birnback Radio Co., Inc.
1-3-4-5-6-7-8.
Consolidated Wire & Associated
Co's. 1-2-3-4-5-6-7-8.
Dielectric Prods. Engrg. Co.,
Inc. 2-7-8.
Elektromesstechnik Wilhelm
Franz. 1-2-4-5-6.
Entron, Inc. 1.
Feltel & Guilleume Carlswerk
A.G. 1-2.
General Radio Co. 1-7.
Grundig Radio Werke. 1-3-6.
Gulton Industries Inc. 1-4-6.
Hitemp Wires, Inc. 1-2-3-4-6.
Hovey Industries Inc. 1-6.
Ingénieur Buro Atlas. 1-3-6.
Inso Prods. Ltd. 1-3-6.
Labtronics Inc. 5.
Measurements, a McGraw-Edison
Div. 1-7.
Meridian Metalcraft, Inc. 2.
Microdot, Inc. 1-4-6-7.
Pacific Automation Prods., Inc.
1-3-4-6-7-8.
Permanoid Ltd. 1-2-3-4-5-6-7.
Permanoid Wire Corp. 1-4-5-6-7.
Phalo Plastics Corp. 1-3-5-6-7.
Plas-Kem Electronics Corp.
Precision Tube Co., Inc. 2-6-7-8.
Prodelin, Inc. 1-2-7-8.
Rego Insulated Wire Corp. 3-5-6.
Reliance (Cords & Cables) Ltd.
3-5-6.
Revere Corp. of America 1-3-6.
The Rex Corp. 1-3-4-5-6.
Saxton Prods., Inc.
1-2-3-4-5-6-7-8.
Siemens-Schuckertwerke A.G.
3-7.
Tape Cable Corp. 3-4-7.
Thermax Wire Corp. 3.
Times Wire & Cable Co., Inc. 1.
Wandieside Cable Works Ltd.
1-3-4-5-6.

CALIBRATORS

- | | |
|--------------|------------|
| 1. Crystal | 4. Sweep |
| 2. Frequency | 5. uhf |
| 3. Radar | 6. Voltage |
| Range | 7. vswr |
- Canadian Marconi Co., Comm.
Prods. Div. 3.
Canadian Research Institute 6.
Collins Radio Co. of Canada
Ltd. 1.
Decca Radar (Canada) Ltd. 3.
Measurement Engrg. Ltd. 1-3.
Mallory Battery Co. of Canada
Ltd. 5-6-7.
The Plessey Co. of Canada Ltd.
2.
Radio Communications Equipmt.
& Engrg. Ltd. 1.
Sinclair Radio Labs. Ltd. 7.
C. R. Snelgrove Co., Ltd. 1.
Sperry Gyroscope Co. 3.
T.M.C. (Canada) Ltd. 1-2.
F. V. Topping Electronics Ltd. 2.

Advance Components Ltd. 1-2.
Airborne Instruments Lab., Inc.
1.
BJ Electronics, Borg-Warner
Corp. 7.
Bulova Watch Co. 1-2.
A/S Danbridge. 2-6.
Ballantine Labs., Inc. 6.
B & K Mfg. Co. 6.
Budelman Electronics Corp. 2.
Berkley Div., Beckman Instru-
ments, Inc. 1-2.
Burroughs Corp. 6.
Coaxial Connector Co., Inc. 5.
Control Electronics Co., Inc.
1-2-3-5.
Allen B. du Mont Inc. 2.
Electro Mechanical Res. Inc. 2.
Electronic Associates, Inc. 3.
FXR, Inc. 2-7.
John Fluke Mfg. Co., Inc. 6.
General Radio Co. 1-2-7.
Gertsch Prods., Inc. 2.
P. Gossen & Co. GmbH. 6.
The Hammarlund Mfg. Co. Inc.
1.
Hewlett-Packard Co. 7.
Holt Instrument Co. 6.
Industrial Test Equipment Co. 2.
International Research. 2.
Jackson Electrical Instrument Co.

E. F. Johnson Co. 1-7.
Kearfott Co., Inc. 2-6-7.
Lavoie Labs., Inc. 1-2-5.
Measurements, A McGraw-
Edison Div. 2-6.
Metronix, Inc. 1-2.
Millivac Instruments. 6.
Murphy Radio Ltd. 1-3.
NJE Corp. 6.
Narda Microwave Corp. 7.
New London Instrument Co. 1-2.
Owen Labs., Inc. 6.
Potter Instrument, Inc. 2.
Precision Apparatus Co. Inc. 1.
Quizkeramik GmbH. 1.
Radio Frequency Labs. 1-2.
Rohde & Schwarz. 2-3-6-7.
W. H. Sanders Ltd. 4.
Sensitive Research Instrument
Corp. 2-6.
Sorensen & Co., Inc. 6.
Taber Instrument Corp. 5.
Tektronix, Inc. 4.
Telerad Mfg. Corp. 2-3.
Tel Instrument Electronics Corp.
3.
Venner Electronics Ltd. 2.
Waveline Inc.

CALORIMETERS—

Microwave
Daystrom Ltd. (Weston)
Sinclair Radio Labs. Ltd.
Sperry Gyroscope Co.
Chemalloy Electronics Corp.
Diamond Antenna & Microwave
Corp.
B. F. Goodrich Sponge Prods.
Div.
Hewlett-Packard Co.
M. C. Jones Electronics Co., Inc.
Levinthal Electronic Prods. Inc.
Narda Microwave Corp.
W. H. Sanders Ltd.
Sierra Electronic Corp.

CAMERAS—Oscilloscope

Canadian Applied Research Ltd.
E.M.I.-Cossor Electronics Ltd.
Phillips Electronics Industries Ltd.
Advanced Electronics Mfg. Corp.
Coleman Engrg. Co., Inc.
Allen B. Du Mont Labs., Inc.
Electronic Tube Corp.
Fairchild Camera & Instrument
Corp.
Nagard Ltd.
Robot-Foto GmbH.

Telechrome Mfg. Corp.
Savage & Parsons Ltd.
Southern Instruments Ltd.
J. Langham Thompson Ltd.

CAMERAS—Television

Canadian General Electric Co.
Ltd., E.E. & T.D.
E.M.I.-Cossor Electronics Ltd.
Thompson Products Ltd. (Dage)
Blonder-Tongue Labs. Co.
Diamond Power Specialty Corp.
Allen B. Du Mont Labs., Inc.
General Precision Lab.
Grundig Radio Werke
Hallamore Electronics Co.
Ingénieur Buro Atlas
Int. Telemeter Corp.
Radio Corp. of America
Telechrome Mfg. Corp.

CAPACITORS, FIXED

1. Ceramic	12. Mica
2. Decade	13. Paper
3. Electrolytic	14. Plastic
4. Electrolytic	15. Power
Subminiature	Factor
5. Energy	16. Precision
Storage	Air
6. Feed	17. Pulse
Through	Forming
7. Composition	Network
8. Gas Filled	18. Silvered
9. Glass	Mica
10. High Voltage	19. Tantulum
11. Metallized	

Aerovox Canada Ltd.
1-3-4-5-6-10-11-12-13-14-15-
18-19.
Aircraft Marine Prods. Canada
Ltd. 10.
Amalgamated Electric Corp. Ltd.
14.
Armco Branded Electronic
Components 4.
Arrow Radio Co. 10-11-13-14-15-
17.
Automatic Coil Mfg. Ltd. 1-6.
Allen Bradley Canada Ltd. 1-6.
Cambridge Thematic 1-6.
Canadian General Electric Co.
E. E. & T. D.
10-13-15.
Canadian Research Institute
2.
Canadian Stockpole Ltd. 7.
Capacitors of Canada Ltd. 11-13.
Centralab Canada Ltd. 1-6-10.
Daly Capacitors Ltd. 3-4-5.
Eclipse Electronics Co. 13-14.
Electrolabs. 13-14-15.
Ericsson Telephone Sales of
Canada Ltd. 1-3-7-9-10-11-13-15.
Erie Resistor of Canada Ltd.
1-6-10-14-18.
Gomard Electronics Ltd. 17.
Hackbusch Electronics Ltd.
(Stromberg-Carlson) 12-13.
Johnson, Matthey & Mallory Ltd.
3-4-19.
Leeds & Northrup Canada Ltd.
11.
Lengkurt Electric Co. of Canada
Ltd. 14.
R. Mack & Co. Ltd. 4.
Micarta Fabricators Ltd. 1-2-3-4-
5-6-7-9-10-11-12-13-14-15-17-18-
19.
Muirhead Instruments Ltd. 2-12-
13-16.
Nucleonic Prods. 4.
Phillips Electrical Co. Ltd. 1-5-
10-12-13-15-17.
The Plessey Co. of Canada Ltd.
1-3-4-13-18-19.
Polytronics Co. 2.
Rogers Electronic Tubes &
Components. 1-3-4-5-10-12-13-
15-18-19.
Stability Radio Components Ltd.
1-6-10-12-18.
Standard Telephones & Cables
Mfg. Co. (Canada) Ltd. 1-2-3-4-
Taylor-Leslie Mining & Engrg.
Corp. Ltd. 3-19.
Tecneek Associates. 2.
Telegraph Condenser Co. (Can-
ada) Ltd. 1-2-3-4-5-6-10-12-13-
14-15-17-18-19.
Tinsley Instruments (Canada)
Ltd. 10.
Titania Electric Corp. of Canada
Ltd. 1-5.
Ajax Condenser Corp. 2-3-4-9-
10-12-13-15-17-19.
Amperex Electronic Corp. 10.
Arco-Elmenco. 12-18.
Associated American Winding
Machinery. 3.
Astron Corp. 1-3-4-10-11-13-14-19.
Balco Research Labs. 7-11-14.
Boonton Electronics Corp. 16.
British Insulated Callender's
Cables Ltd. 5-10-15.

Cambridge Instrument Co. Ltd.
12.

- Cambridge Thermionic Corp. 1-6.
- Centralab Div., Globe-Union, Inc. 1-6-10.
- Condenser Products Co. 1-14-17.
- Cornell-Dubilier Elec. Corp. 1-2-3-4-5-6-10-11-12-13-14-15-17-18-19.
- Corning Glass Works 9.
- Corson Electric Mfg. Corp. 5-10-12-13-14-17.
- Dawe Instruments Ltd. 1-2-12-18.
- A/S Danbridge. 2.
- Daymar Electronics Specialties. 14.
- Dearborn Electronic Labs. 5-7-9-10-11-13-14-15.
- Dubilier Condenser Co. (1925) Ltd. 3-4-10-18.
- Ducati Capacitors 2-3-4-5-6-7-10-12-13-15.
- Eastern Precision Resistor Corp. 2-5-10-11-14-17.
- Eitel-McCullough, Inc.
- Electro Capacitors Co. 3.
- Electro Measurement, Inc. 2.
- Electronic Fabricators, Inc. 9-10-14-19.
- Electronic Instrument Co., Inc. 2.
- Electronic Mechanics, Inc. 1.
- Elektromesstechnik Wilhelm Franz. 2.
- Endevco Corp. 2.
- Fansteel Metallurgical Corp. 3-4-19.
- Film Capacitors, Inc. 3-10.
- Filticon Co., Inc. 6-10-11-12-13-14-15-17.
- General Radio Co. 2-12-13-16-18.
- Good-All Electric Mfg. Co. 4-10-11-12-13-14-18.
- P. Gossen & Co. GmbH. 2.
- Gulton Industries, Inc. 1.
- Hartmann & Braun A.G. 2-8-10-16.
- A. H. Hunt (Capacitors) Ltd. 1-3-4-6-11-12-13-14-15-18.
- Illinois Condenser Co. 1-3-4-5-13.
- Industrial Instruments, Inc. 2.
- International Telephone & Telegraph Corp. 19.
- JFD Electronics, Inc. 9.
- Richard Jahre 6-12-17.
- Jennings Radio Mfg. Corp. 1-10.
- Johnson, Matthey & Co. Ltd. 18.
- Koa Denki. 13.
- Lapp Insulator Co., Inc. 8-9.
- London Electrical Mfg. Co. Ltd. 1-6-9-10-11-12-14-18.
- Magnavox Co. 1-3-4-9.
- P. R. Mallory & Co., Inc. 3-4-5-19.
- Metra Corporation 2.
- Micafil Ltd. 10-15.
- Micamold Electronics Mfg. Corp. 3-4-11-12-13-14-17-18.
- Micon Corp. 1-6.
- Onondaga Pottery Co., Electronics Div. 1-10.
- Penn-East Engrg. Corp. 12-13.
- Performance Measurements Co. 2.
- Phillips Electrical Co. Ltd. 10-13-15.
- Plastic Capacitors, Inc. 9-10-11-13-14-15-17.
- Pyramid Electric Co. 1-3-4-9-10-11-13-14-18.
- Radio Materials 1-6.
- Rainbow Radio Mfg. Co. Ltd. 2.
- Rosenthal 1-3-7-12-13.
- San Fernando Electric Mfg. 6-11-13-14.
- Sankamo Electric Co. 1-3-12-13-18.
- Servomex Controls Ltd. 2.
- Shallcross Mfg. Co. 2-17.
- W. S. Shamban & Co. 14.
- Siemens-Schuckertwerke A.G. 3-10-15-19.
- Solar Mfg. Corp. 1-6.
- Sprague International Ltd. 1-2-3-4-5-6-7-9-10-11-12-13-14-15-17-18-19.
- Steatite Insulations Ltd. 1-6-10.
- Steatit Magnesia A. G. 1-6-7-10.
- H. W. Sullivan Ltd. 16.
- Telephone Mfg. Co. Ltd. 11-13-14-15-18.
- Teleradio Corp. 16.
- Texas Instruments Inc. 19.
- Tobe Deutschmann Corp. 1-3-7-8-9-10-11-12-13-14-19.
- A/S Tobias Jensen Condenser Prods. Co., Ltd. 1-2-3-4-5-6-7-10-11-12-13-14-15-18.
- United Electronics Co. 1-9-10.
- U.S. Semiconductor Prods., Inc. 19.
- Vitramon, Inc. 1.
- Welwyn Electrical Labs. Ltd. 9.
- Wilhelm Westermann 1-3-7-12-13.

CAPACITORS, VARIABLE

1. Trimmer, Air
 2. Trimmer, Ceramic
 3. Trimmer, Mica
 4. Trimmer, Vacuum
- Canadian Admiral Corp. Ltd. 5.
 - Centralab Canada Ltd. 2.
 - Erie Resistor of Canada Ltd. 2.
 - Hammond Mfg. Co. Ltd. 6.
 - Marsland Engrg. Co. Ltd. 1-2-5-6.
 - Philips Electrical Co. Ltd. 2-3-4-5.
 - The Plessey Co. of Canada Ltd. 1-2-3-5-6.
 - Rogers Electronics & Components Div. of Philips Electronics Ind. Ltd. 1-2-5-6.
 - White Radio Ltd. 3.
- Automatic Coil Mfg. Ltd. 2.
- Balco Research Labs 2 (h).
- Bud Radio Corp. 1-2-3-4-5-6.
- Radio Condenser Co. Ltd. 1-5-6.
- Cardwell Condenser Corp. 1-6.
- Corning Glass Works (Trimmers, glass).
- Eitel-McCullough Inc. 4-6.
 - General Radio Co. 1.
 - Goldring Mfg. Co. Ltd. 2.
 - The Hammarlund Mfg. Co. Inc. 1.
 - Hughes Prods. Div., Hughes Aircraft Co. 7.
 - JFD Electronics, Inc. 24.
 - Jackson Bros. (London) Ltd. 1-5-6.
 - Jennings Radio Mfg. Corp. 6.
 - E. F. Johnson Co. 1-6.
 - Lapp Insulator Co., Inc. 6.
 - London Electrical Mfg. Co. Ltd. 1.
 - J. W. Miller Co. 1-2.
 - National Co., Inc. 1-2-3-5-6.
 - Pacific Semiconductors, Inc. 7.
 - Rosenthal Isolatoren 2.
 - Sangamo Electric Co. 3.
 - F. W. Sickles Div., General Instrument Corp. 1.
 - Solar Mfg. Corp. 2.
 - Sprague Int. Ltd. 1-2-3.
 - Steatite Insulations Ltd. 2.
 - Steatit-Magnesia A. G. 2.
 - Stratton & Co. Ltd. 1-2-4-5-6.
 - Teleradio 1-3-5-6.
 - A/S Tobias Jensen Condenser Products Co. Ltd. 2.
 - Torotor A/S 1-3-5-6.
 - United Electronics Co. 4-6.
 - Welwyn Electrical Labs 2.

CASES—Instrument & Meter

- Armaco
 - Aviation Electric Ltd.
 - Bach Simpson Ltd.
 - Bailey Meter Co. Ltd.
 - Bishop Sons & Co. Ltd.
 - Canadian Research Institute
 - Canadian Westinghouse Co. Ltd., Electronics Div.
 - Daystrom Ltd. (Weston).
 - Electronic Communications Ltd.
 - Electronic Enterprises Ltd.
 - Fleet Mfg. Ltd.
 - Hammond Mfg. Co. Ltd.
 - Humble Mfg. Co. Ltd.
 - Pylon Electronic Development Co. Ltd.
 - Research Industries Ltd.
 - Spaulding Fibre of Canada Ltd.
 - Spilsbury & Tindall Ltd.
 - Springfield Labs.
 - Falstrom Co.
 - Firma Tage Schouboe
 - Alfred Imhof, Ltd.
 - Premier Metal Products Co.
 - Sanwa Electric Instrument Works
 - Skydyne, Inc.
 - Taylor Electrical Instruments Ltd.
 - Technibilt Corp.
 - Triplet Electrical Instrument Co.
 - Victor Electronic Co.
 - Waldom Electronics, Inc.
 - Wiedemann Machine Co.
 - Winston Electronics Ltd.
- Airtron Canada Ltd.
- Andrew Antenna Corp., Ltd.
- Collins Radio Co. of Canada Ltd.
- Ferranti-Packard Electric Ltd.
- Marsland Engrg. Co. Ltd.
- Research Industries Ltd.
- Rogers Electronics & Components Div. of Philips Electronics Ind. Ltd.
 - Sinclair Radio Labs. Ltd.
 - Sperry Gyroscope
- American Electronic Labs., Inc.

CAVITIES—Microwave

- Bogart Mfg. Corp.
- Bomac Labs., Inc.
- Control Electronics Co., Inc.
- De Mornay-Bonardi.
- Diamond Antenna Microwave Corp.
- Dielectric Prods. Engrg. Co., Inc.
- Divco-Wayne Electronics
- Douglas Microwave Co. Inc.
- Eitel-McCullough Inc.
- Electronic Specialty Co.
- Eisin Electronics Corp.
- FXR, Inc.
- Frequency Standards Ltd.
- B. F. Goodrich, Sponge Prods. Div.
- Kearfott Co. Inc.
- Meridian Metalcraft, Inc.
- Microwave Associates, Inc.
- Microwave Development Labs., Inc.
- Narda Microwave Corp.
- Technicraft Lab., Inc.
- Telerad Mfg. Corp.
- Transco Products Inc.
- Waveline Inc.

CELLS—Photoelectric

- Canadian Research Institute
 - Daystrom Ltd. (Weston)
 - Electronic Associates Ltd.
 - Electronic Communications Ltd.
 - Ferranti-Packard Electric Ltd.
 - National Semiconductors Ltd.
 - The Plessey Co. of Canada Ltd.
 - Polytronics Co.
 - Rogers Electronics & Components Div. of Philips Industries Ltd.
 - Standard Telephones & Cables Mfg. Co. (Canada) Ltd.
 - Tecneek Associates.
- Computer Measurements Corp.
- Dawe Instruments Ltd.
- Elsin Electronics Corp.
- Evans Electro Selenium
- Farmer Electric Products Co. Inc.
- Hoffman Electronics Corp.
- International Rectifier Corp.
- Dr. B. Lange
- Megatron Ltd.
- Ripley Co., Inc.
- Siemens Edison Swan Ltd.

CHAMBERS

- | | |
|--------------------|---------------------------|
| 1. Altitude | 6. Sand & Dust |
| 2. Fungus Test | 7. Shielded Screen |
| 3. Ionization | 8. Temperature & Humidity |
| 4. Pressure | 9. Test |
| 5. Rain & Sunshine | |
- Aviation Electric Ltd. 1-4.
 - Canadian Curtiss-Wright Ltd. 3.
 - Canadian Research Institute 8-9.
 - Dominion Electrohome Industries Ltd. 1-4-5-8.
 - Electronic Associates Ltd. 3.
 - Electronic Components Ltd. 8-9.
 - Mechcon Engrg. Prods. Ltd. 1.
 - Philips Electronics Industries Ltd. 3.
 - The Plessey Co. of Canada Ltd. 3.
 - Thermovolt Insts. Ltd. 1-8.
 - Thermovolt Instruments Ltd. 8-9.
 - Altec Lansing Corp. 4.
 - Antlab, Inc. 9.
 - Atlas Engineering Corp. 8.
 - Atomic Labs., Inc. 3.
 - Belling & Lee Ltd. 7.
 - California Technical Industries
 - Div. of Tectron Inc. 1.
 - Chirana Corp. 8.
 - Conrad, Inc. 1-4-6-8-9.
 - Consolidated Electrodynamics Corp., Rochester Div. 1.
 - Development Engrg. Co., Inc. 1-2-8-9.
 - Electronics Instruments Ltd. 3.
 - Emerson & Cuming, Inc. 7.
 - General Radiological Ltd. 3.
 - Instron Engrg. Corp. 8-9.
 - International Radiant Corp. 1-2-3-4-5-6-7-8-9.
 - Itemco, Inc. 1-2-4-5-6-8-9.
 - Lustraphone 3.
 - McMillan Industrial Corp. 7.
 - Murphy & Miller, Inc. 1-2-8-9.
 - NRC Equipment Corp. 1.
 - Savage & Parson Ltd. 1-2-8.
 - Shielding, Inc. 7.
 - Statham Development Corp. 8-9.
 - Tenney Engrg., Inc. 1-2-3-4-5-6-7-8-9.
 - Trop Arctic Inc. 4-6-8-9.
 - The Victoreen Instrument Co. 3.

CHANGERS—Automatic Record

- Canadian Admiral Corp. Ltd.
- Canadian General Electric Co. Ltd.

- Daystrom Ltd. (Heath)
 - Hackbusch Electronics Ltd. (Stromberg-Carlson)
 - The Plessey Co. of Canada Ltd.
 - Sea Breeze Mfg. Ltd. (V-M)
- Birmingham Sound Reproducers Ltd.
- Collaro Ltd.
- Dual, Gebr. Steidinger
- Dukane Corp.
- Electroacoustic GmbH
- Garrard Engineering & Mfg. Co. Ltd.
- Geerz-Gebr
- Hammarlund Mfg. Co., Inc.
- Luxor Radio A. B.
- Perpetuum-Ebner
- Tesa Construzioni
- Elletromecaniche
- Webocon Inc.

CHASSIS—Metal

- Ashman Electronics Ltd.
- Benco Television Associates Ltd.
- Bishop Sons & Co. Ltd.
- Canadair Ltd.
- Collins Radio Co. of Canada Ltd.
- Electronic Communications Ltd.
- Dominion Aluminum Fabricating Ltd.
- Electronic Research & Development Co. Ltd.
- Hammond Mfg. Co.
- Lenkurt Electric Co. of Canada Ltd.
- Measurement Engrg. Ltd.
- Pylon Electronic Dev. Co. Ltd.
- Raytheon Canada Ltd.
- RCA Victor Co. Ltd.
- Renfrew Electric Ltd.
- Research Industries Ltd.
- Standard Television Prod. Ltd.
- St. Johns Metal Stamping Co.
- Strippt Tool & Machine Co.
- Waterloo Metal Stampings Ltd.

- A. P. T. Electronics Ltd.
- All Power Transformers Ltd.
- Bud Radio, Inc.
- Falstrom Co.
- Alfred Imhof, Ltd.
- Meridian Metalcraft, Inc.
- Metal Works, Inc.
- R. W. Neill Co., Inc.
- Premier Metal Products Co.
- U.M. & F. Mfg. Co.
- Union Steel Chest
- United Aircraft Prods., Inc.
- Van Norman Industries, Inc., Electronics Div.
- Victor Electronic Co.
- Whiteley Electrical Radio Co. Ltd.

CHECKERS—Cable

- Canadian Research Institute
 - Lenkurt Electric Co. of Canada Ltd.
- California Technical Industries
- Div. of Tectron, Inc.
- Manson Labs., Inc.
- Metra Corporation
- Peschel Electronics, Inc.
- Savage Co.

CHOPPERS—dc-ac

- The Bristol Co. of Canada Ltd.
 - Daystrom Ltd.
 - Honeywell Controls Ltd.
 - Tinsley Instruments
 - Vector Labs, Inc.
- Airpax Products Co.
- Barnes Development Co.
- The Bristol Co.
- Eteko Ltd.
- General Radiological Ltd.
- Hastings Raydist Inc.
- Instrument Development Labs., Inc.
- Kearfott Co. Inc.
- P. R. Mallory & Co., Inc.
- Metropolitan Vickers Electrical Co. Ltd.
- Millivac Instr., Div. of Cohu Elec.
- Oak Mfg. Co.
- Servomechanisms, Inc., Mechrolat Div.
- Solid State Electronics Co.
- Stevens-Arnold, Inc.
- Teletro Ind.
- Transval Engineering Corp.
- Universal Transistor Prods. Corp.

CIRCUITS

1. Computer, Packaged
 2. Plug-in
 3. Potted
- Allied Circuit Techniques Ltd. 2-3.
 - Autotronics Control 2.
 - Bailey Meter Co. Ltd. 2.

Croname (Canada) Ltd. 1.
Ferranti-Packard Electric Ltd.
The Garrett Mfg. Corp. of
Canada Ltd. 1-2-3.
Lucas-Rotax Ltd. 2-3.
■ Measurement Engrg. Ltd. 1-2.
Micarta Fabricators Ltd. 1-2-3.
Oki & Willadsen Ltd. 2.
Servomechanisms (Canada) Ltd.
1-2-3.
Sharpe Instruments Ltd. 2.
F. V. Topping Electronics Ltd. 2.
■ United-Carr Fastener Co. of
Canada Ltd. 1-2-3.
Vector Labs. Inc. 2-3.

Airpax Products Co. 1.
B. J. Electronics Borg-Warner
Corp. 1.
Bulova Watch Co. 2.
Burroughs Corp. 1.
Bendix Aviation Corp. (CDC) 1.
C. G. Electronics Corp. 1-2.
■ Centralab Div., Globe-Union,
Inc. 2-3.
Cinch Mfg. Co. 1-2-3.
Computer Control Co., Inc. 1.
Cubic Corp. 2-3.
Di-An Controls Co., Inc. 1-2-3.
Donner Scientific Co. 1.
Electronic Assoc., Inc. 2.
Electronic Specialty Co. 1-2-3.
Elliott Bros. Ltd. 1-2-3.
Engineered Electronics Co. 1-2.
Gulton Industries, Inc. 1-2.
Hoover Electronics Co. 2.
Liton Industries, Components
Div. 2.
Onondaga Pottery Co. Electronics
Div. 1.
Opad Electric Co. 2-3.
Patterson, Moos Div. of
Universal Winding Co. Inc.
1-2-3.
Photocircuits Corp.
Polyphase Instrument Co. 3.
Potter Instrument Co. 1.
S. A. Rocher Electronique 1-2.
Servonics, Inc. 1-2-3.
Sprague International Ltd. 1-2-3.
Trio Labs., Inc. 1.
United Aircraft Co., Norden Div.
1-2.
Venner Electronics Ltd. 1-2.
Walkirt Co. 1-2-3.
Whiteley Electrical Radio Co.
Ltd. 3.

CIRCUITS, PRINTED

1. Etched 3. Stamped &
2. Plated embossed
■ Allied Circuit Techniques Ltd.
1-2-3.
Ashman Electronics Ltd. 1.
Canadian Glass Works, 1.
Croname (Canada) Ltd. 1.
Dial & Instrument Finishers Ltd.
1.
Electronic Communications Ltd.
1.
Ferranti-Packard Electric Ltd.
1-2.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson) 1-2-3.
■ Measurement Engrg. Ltd. 1.
Micarta Fabricators Ltd. 1-2-3.
National Fibre Co. of Canada
Ltd. 1.
Oki & Willadsen Ltd. 1-2.
Polytronics Co. 1-2.
Precision Dials Ltd. 1-3.
RCA Victor Co., Ltd. 1.
Spaulding Fibre Co. of Canada
Ltd. 1-2-3.
■ United-Carr Fastener Co. of
Canada Ltd. 1-2-3.
X-Ray & Radium Industries Ltd.
1.

BJ Electronics, Borg-Warner
Corp. 1.
C. G. Electronics Corp. 1.
■ Centralab Div., Globe-Union,
Inc. 1-2.
Cinch Mfg. Co. 1-2.
Computer Control Co., Inc. 1.
Cossor Instruments Ltd. 1.
Croname, Inc. 1-2.
Dale Products, Inc. 1-2-3.
Donner Scientific Co. 1-2.
Hugh H. Eby Co., Inc. 1-2-3.
Electra Lab., Inc. 1-2.
Electronic Assoc., Inc. 1.
Elliott Bros. Ltd. 1-2-3.
Engineered Electronics Co. 1.
Formica Ltd. 2.
Gulton Industries, Inc. 1-2.
Liton Industries Components,
Div. 1-2.
Murphy Radio Ltd. 1-2.
Patterson, Moos Div. of
Universal Winding Co., Inc.
1-2-3.
Photocircuits Corp.
S. A. Rocher Electronique 1-2-3.
Sanders Associates, Inc. 1-2.
Ucinite Co. 3.

United Aircraft Co., Norden Div.
1.
Whiteley Electrical Radio Co.
Ltd. 3.
Wiedemann Machine Co. 1-2-3.

CLAMPS FOR TUBES

Amphenol Canada Ltd.
Dominion Fasteners Ltd.
■ Hellerman Canada Ltd.

Atlas E-E Corp.
The Birtcher Corp.
Henry & Thomas Ltd.
■ International Electronic Re-
search Corp.
National Co., Inc.
Nems Clarke, Inc.
Staver Co., Inc.

CLIPS—Fuse

■ Canadian General Electric Co.
Ltd., E.E.&T.D.
■ Electronic Components Ltd.
Great Lakes Electrical Spec. Ltd.
Holub Industries Inc.
■ Raytheon Canada Ltd.

Aerolite Electronics Corp.
Amatom Electronic Hardware
Co., Inc.
Atlas E-E Corp.
Belling & Lee Ltd.
A. F. Bulgin & Co. Ltd.
Bussmann Mfg. Div. McGraw-
Edison Co.
Commercial Plastics Co.
Hugh H. Eby Co., Inc.
Littelfuse Inc.
Rytel Corp.
■ Siemens Edison Swan Ltd.

CLIPS—Grid

Amphenol Canada Ltd.

Aerolite Electronics Corp.
Amatom Electronic Hardware
Co., Inc.
Bud Radio Corp.
A. F. Bulgin & Co. Ltd.
Commercial Plastics Co.
National Co., Inc.

CLIPS—Test

■ Canadian Research Institute
Electronic Components Ltd.

Aerolite Electronics Corp.
Amatom Electronic Hardware
Co., Inc.
Belling & Lee Ltd.
Birnback Radio Co., Inc.
Bud Radio Corp.
A. F. Bulgin & Co. Ltd.
Commercial Plastics Co.
■ Grayhill, Inc.
Harwin Engineers Ltd.
Mueller Electric Co.
■ Siemens Edison Swan Ltd.

CLUTCHES—Magnetic

The Canadian Fairbanks-Morse
Co. Ltd.
Dominion Electrohome Indus-
tries Ltd.
Ferranti-Packard Electric Ltd.
Found Bros. Aviation Ltd.
Helipot Div., Beckman Instr.,
Inc.
Marsland Engrg. Co. Ltd.

Autotronics, Inc.
Dynamic Gear Co., Inc.
The Electric Construction Co.
Globe Industries Inc.
The A. W. Haydon Co.
International Resistance Co.
Kearfott Co. Inc.
Lear, Inc.
M.T.E. Control Gear Ltd.
Magtrol, Inc.
P.E.C. Design Corp.
Servo Corp. of America
Siemens-Schuckertwerke A.G.
Technology Instrument Corp.

COILS

1. of Choke 11. rf Choke
2. Choke Heavy
3. Filter Choke Wire Low
4. Foil Wound Voltage
5. Magnet 12. Speaker
6. Metallized (Voice
7. Motor & Coils)
8. Printed 13. Television
9. Relay Focussing
10. rf Choke 14. Television
15. Toroidal Width
Aerovox Canada Ltd. 10-15. Control,
Centring,
Linearity
& Peaking

■ Allied Circuit Techniques Ltd. 8.
Automatic Telephone & Sound
Services Ltd. 9.
Automatic Coil Mfg. Ltd.
2-10-11-13-14.
Bayly Engrg. Ltd. 1-3-5-15.
■ Cambridge Thermionic 8-10.
Canadian Glass Works. 6.
Douglas Randall (Canada) Ltd.
1-2-3-5-8-9-15.
Electronic Components Ltd. 5.
Electronic Craftsmen Ltd. 5-9-10-
11.
Electronic Engrg. 1-2-3-5-10-11-
13-14.
Ericsson Telephone Sales of
Canada Ltd. 9-15.
Essex Electronics of Canada Ltd.
2-10-15.
Ferranti-Packard Electric Ltd.
1-2.
L. H. Frost (Canada) Ltd. 2-5-9.
General Instrument-F. W. Sickles
of Canada Ltd. 2-8-10-11-13-15.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson) 9.
■ Hammond Mfg. Co. Ltd. 1-2-3-5-
10-15.
The Hoover Co. Ltd. 7.
Lenkurt Electric Co. of Canada
Ltd. 1-15.
Lucas-Rotax Ltd. 3-5-7-9-15.
Magnetic Coil Co. 2-5-7-9.
Marsland Engrg. Co. Ltd. 12.
■ Measurement Engrg. Ltd. 15.
Micarta Fabricators Ltd. 2-3.
■ Muirhead Instruments Ltd. 2-3.
Oki & Willadsen Ltd. 8.
Osborne Electric Co. Ltd.
2-3-5-7-8-9-11.
The Plessey Co. of Canada Ltd.
1-2-3-4-5-9-10-11-12-13-14-15.
Polytronics Co. 8.
RCA Victor Co. Ltd. 10-13-14.
Renfrew Electric Co. Ltd. 1-2-9-
10-12.
Servomechanisms (Canada) Ltd.
15.
■ S. G. Smallwood Ltd. 10-11-14-15.
Spilsbury & Tindall Ltd. 1.
■ Standard Telephones & Cables
Mfg. Co. (Canada) Ltd. 10-15.
Standard Television Prod. Ltd.
1-2-3-5-8-9-10-11.
Stanwyck Coil Products Ltd. 1-2-
3-8-9-10-11-14.
Stegg Electric Ltd. 9.
Taylor-Leslie Mining & Engrg.
Corp. 10.
Tinsley Instruments. 2.
F. V. Topping Electronics Ltd.
10.
Valerite Electronics (Guelph)
Ltd. 2-3-9-10.

Acromag, Inc. 3-15.
Aemco, Inc. 9.
Aladdin Electronics, Inc. 2-3-10-
15.
Arnold Magnetics Corp. 1-2-3-5-
10.
Associated American Winding
Machinery
1-2-3-4-5-6-7-8-9-10-11-12-13-14.
Automatic Coil Co. Inc.
2-5-8-10-11-14.
Belling & Lee Ltd. 3.
Burnell & Co., Inc. 15.
C. G. Electronics Corp. 15.
Caledonia Electronic Transform-
er Corp. 1-2-3-15.
Carad Corp. 15.
Cinema Engrg. Div., Aerovox
Corp. 15.
Coil Winders, Inc. 1-2-3-8-10-11-
15.
Control A Div. of Magnetics
Inc. 15.
Corning Glass Works, Electrical
Products Div. 6.
Del Electronics Corp. 2-11.
Delevan Electronics Corp. 8-10.
Dinon Coil Co., Inc. 1-2-3-7-8-9-
12-13-14-15.
Eldystone Co. Ltd. 1-2-3.
■ Eitel-McCullough, Inc. 5.
Electro Engrg. Works 1-2-3-5.
Epo Products, Inc. 1-2-3-15.
Etelco Ltd. 9.
Film Capacitors, Inc. 2-10.
Filttron Co. Inc. 10-11.
Firma Jorgen Schon. 2-3.
General Radio Co. 2.
Goodman Industries Ltd. 13.
Grundig Radio Werke 13-14.
■ Guardian Electric Mfg. Co. 9.
Gulton Industries, Inc. 15.
Hermetic Seal Transformer Co.
1-2-3.
Hillburn Electronic Products Co.
1-9.
Industrial Transformer Corp. 1-2-
3-4-5-8-15.
Industrial Winding Machinery
Corp. 15.
Ingenier Buro Atlas 13-14.
Johnson Electronics, Inc. 10-15.
Kelvin Electric Co. 15.

Keystone Prods. Co. 2-3-15.
The Keyswitch Co. 9.
Liton Industries, Inc.
1-2-3-5-9-10-11-14.
Merit Coil & Transformer Corp.
1-2-3-8-9-10-12-13-14.
Mico Instrument Co. 15.
Microtran Co., Inc. 10.
Murphy Radio Ltd. 1-2-3.
National Co. Inc. 2-3-10.
R. W. Neill Co., Inc. 15.
Opad Electric Co. 15.
Ortho Filter Corp. 15.
Painton & Co. Ltd. 10-14.
Phillips Control Corp. 5-9.
Telephone Instrument So.
8-15.
Servomechanisms Inc., Special
Prods. Div. 15.
■ Siemens & Halske A.G. 10.
Mark Simpson Mfg. Co., Inc. 1-2-
10.
Sioux Radio Prod.
1-2-3-5-8-9-10-11-12-14-15.
Sprague International Ltd. 3-4.
Stratton & Co. Ltd. 10.
Suprex Electronics Corp.
1-2-8-10-11.
Superior Electric Co. 15.
Telephone Mfg. Co. Ltd. 9.
Telradco Corp. 13-14.
Thordarson Meissner 2-10-13-14.
Torotek, Inc. 2-3-15.
Torotor A/S 10-13-14.
Triad Transformer 14.
United Transformer Corp. 1-2-3-
5-15.
Vari-L Co., Inc. 15.
Varo Mfg. Co., Inc. 2-3-10-15.
■ Waters Mfg., Inc. 2-3-10-15.
Whiteley Electrical Radio Co.
Ltd. 2-3-10-11-12-13-14-15.

COMMUNICATION SYSTEMS

1. Aircraft 6. Marine
2. Airport Radio-
3. Carrier Telephone
4. Current Control
5. Facsimile 8. Portable
9. In-Installation
10. Railroad
11. Telegrapher
12. TWINPLEX
13. Vehicular

Addison Industries Ltd. 8-12.
Amalgamated Electric Corp. Ltd.
3-7.
■ Automatic Electric (Canada) Ltd.
9.
Automatic Telephone & Sound
Services Ltd. 3-4-5-8-9.
Aviation Electric Ltd. 1-6.
Beaconing Optical & Precision
Maths. Co. Ltd. 7-8.
Brown, Boveri (Canada) Ltd. 3-7.
■ Canadian General Electric Co.
Ltd., E.E.&T.D.
1-2-3-4-6-9-12.
Canadian Marconi Co., Comm.
Prods. Div. 6.
Canadian Marconi Co., Radio
Relay Div. 7-9.
Canadian Motorola Electronics
Ltd. 3-4-7-8-9-12.
■ Canadian Westinghouse Co.
Ltd., Electronics Div.
3-4-7-8-9-10-11-12.
■ Canadian Westinghouse Co. Ltd.
1-2-6-7-8-12.
Collins Radio Co. of Canada
Ltd. 1-2-3-7-12.
Decca Radar Ltd. 1-2-6-7-8.
■ E.M.I.-Cossor Electronics Ltd.
1-2-6-8-12.
Electronic Communications Ltd.
5-6-12.
Electronic Materials Int'l Ltd.
1-2.
Electronic Research & Develop-
ment Co. Ltd. 2-6-8-9-12.
Ericsson Telephone Sales of
Canada Ltd. 1-5-6-8-9-12.
Ferranti-Packard Electric Ltd. 2.
Fisher Research Lab. Ltd. 6.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson) 3.
Humble Mfg. Co. Ltd. 6-8.
International Systems Ltd. 1-6-
9-12.
Lenkurt Electric Co. of Canada
Ltd. 3-7-8-9-10-12.
■ Measurement Engrg. Ltd. 6.
Muirhead Instruments Ltd. 4.
National Sound Services Ltd. 8-9.
Northern Electric Co. Ltd. 3-9-10.
Northern Radio Mfg. Co. Ltd.
1-3-4-10-11.
■ Philco Corp. of Canada Ltd. 12.
The Plessey Co. of Canada Ltd.
1-2-3-4-6-8-9-10-12.
Pye Canada Ltd. 6-12.
Radio Communications Equip-
ment & Engrg. Ltd.
2-3-5-6-8-12.
Radelin Ltd. 10.
■ Raytheon Canada Ltd. 6-7-8.

RCA Victor Co. Ltd. 1-2-6-7-8-9-11-12.

- Sinclair Radio Labs. Ltd. 1-7-12.
- Spillbury & Tindall 6-8-12.
- Standard Telephones & Cables Mfg. Co. (Canada) Ltd. 3-4-9.
- T.M.C. (Canada) Ltd. 2-6-10-12.
- Tele-Radio Systems Ltd. 1-3-8-9.
- F. V. Topping Electronics Ltd. 1-2-6-8-10-12.
- The Wind Turbine Co. of Canada Ltd. 7.

Adler Electronics, Inc. 15.
Alfax Paper & Engrg. Co. 4.
American Electronics Labs., Inc. 1-6-7-8.
Amplivox Ltd. 2.
Automatic Telephone & Electric Co. Ltd. 3-7-10.
Rex Bassett, Inc. 6.
Bendix Aviation Corp. (CDC) 1-2-9-12.

Budelman Electronics Corp. 3.
Frank R. Cook Co. 9.
Craig Systems, Inc. 2-4-8.
Crosby Labs., Inc. 4.
Dukane Corp. 2-8.
Allen B. Du Mont Labs., Inc. 12.
Electronic Specialty Co. 1-2-7.
Eiteco Ltd. 3-7-10.

FXR, Inc.
Feltner & Guillaume Fennel-deanlag GmbH. 7.
The General Electric Co. Ltd. 7.
Dr. Ing. Rudolph Hell 4.
Industrial Radio Corp. 8.
I.T.E. Circuit Breaker Co. 7.
Kaar Engrg. Corp. 6-12.
Kelllogg Switchboard & Supply Co. 3-8-12.

Kleinschmidt Labs. 10.
Levinthal Electronics Prods., Inc. 7.
Ling Systems, Inc. 7.
Lynch Carrier Systems, Inc. 3.
Manson Labs., Inc. 7.
Metra Corporation 6.
Moore Associates, Inc. 3-11.
Multi-Products Co. 6-12.
Multitone Electric Co. Ltd. 5.
Murphy Radio Ltd. 1-2-3-6-7-12.
National Co., Inc. 1-2-3-6-7-9.
R. W. Neill Co., Inc. 9.
North Electric Co. 3.
Pacific Automation Prods., Inc. 1-6-8.

Racal Engrg. Ltd. 2-6-12.
Radio Specialty Mfg. Co. 8.
Railway Communications, Inc. 9.
Rediffon England Ltd. 6-10.
■ Sarkes Tarzian, Inc. 7.
■ Siemens & Halske A.G. 2-3-6-8-10-12.

Mark Simpson Mfg. Co., Inc. 8.
Telectro Industries 1.
Telephone Mfg. Co. Ltd. 3-9.
Telrad Mfg. Corp. 7.
Television Utilities Corp. 1-2-4-8-9-12.
Transco Prods., Inc. 1-7.
Ultradyne, Inc. 3.
Varo Mfg. Co., Inc. 2.
Western Electric Co. 1-2-3-4-5-6-7-8-9-10-11-12.

COMMUTATORS—

Switching

- Allied Circuit Techniques Ltd.
- United-Carr Fastener Co. of Canada Ltd.

California Computer Products, Inc.
Cinch Mfg. Co.

- Edo Corp.
- Electro-Miniatures Corp.
- Electro-Tek
- The A. W. Haydon Co.
- Instrument Development Labs., Inc.
- Librascope Inc.
- Nems Clarke, Inc.
- The J. M. Ney Co.
- Owen Labs., Inc.
- Radiation, Inc.
- Ucinite Co.
- The Walkirt Co.
- Watliiff Co. Ltd.

COMPARATORS

1. Automatic Resistance
 2. Circuit Linearity
 3. Dielectric
 4. Inductance
 5. Iron Core
 6. Q
 7. Voltage
- Canadian Research Institute. 1-3-4-5-6-7.
 - The Garrett Mfg. Corp. of Canada Ltd.
 - Helipot Div., Beckman Instr., Inc. 2.
 - Measurement Engrg. Ltd. 3.
 - Thermovolt Instruments Ltd. 1-2-3-4-7.

Automatic Telephone & Electric Co. Ltd. 7.

- Barnes Development Co. 1.
- British Physical Labs. 3-4-7.
- A/S Bruel & Kjaer 1-3-4-5-6.
- A/S Danbridge. 1.
- Electro Instruments, Inc. 7.
- Electro-Measurements Corp. 4.
- General Radio Co. 3-4-6.
- P. Gossen & Co. GmbH. 7.
- Hathaway Instrument Co. 7.
- Industrial Test Equipment Co. 1-3-4.
- Jones & Lamson (Optical).
- Liton Industries, Components Div. 12.
- Metronix 1-4.
- Owen Labs., Inc. 7.
- Peschel Electronics, Inc. 3.
- Photovolt Corp. 7.
- Radiometer. 6.
- Savage Co. 1-2-3-4-5-6-7.
- H. H. Scott, Inc. 7.
- Sensitive Research Instrument Corp. 7.
- Servonics, Inc. 1-2-4-7.
- Telephone Mfg. Co. Ltd. 7.
- Trilo Labs., Inc. 7.

COMPUTERS

A Analog D Digital

Bailey Meter Co. Ltd. A.
The Bristol Co. of Canada Ltd. A.

Broughs Corp. Electro Data Div. D.
Canadian Applied Research Ltd. A.

Canadian Aviation Electronics Ltd. A.
Canadian General Electric Co. Ltd. E. & T. D. A-D.

Canadian Research Institute. A-D.
Canadian Westinghouse Co. Ltd., Electronics Div. A-D.

Computing Devices of Canada Ltd. A.
Daystrom Ltd. (Heath) A.

Ferranti-Packard Electric Ltd. A-D.
Garrett Mfg. Corp. of Canada Ltd. A-D.

International Business Machines Co. Ltd. A-D.
Radio Communications Equip-ment & Engrg. Ltd. A.

Raytheon Canada Ltd. A.
Remington Rand Ltd. D.

Servomechanisms (Canada) Ltd. A.
Sharpe Instruments Ltd. A-D.

Sperry Gyroscope Co. A.
Standard Electric Time Co. of Canada Ltd. A.

Standard Telephones & Cables Mfg. Co. (Canada) Ltd. D.

Analogue Controls, Inc. A.
Baird-Atomic, Inc. A-D.

Beckman Berkeley Div. A.
Bendix Aviation Corp. D.

Chadwick-Helmuth Co., Inc. D.
Computer Control Co., Inc. D.

Cubic Corp. D.
Donner Scientific Co. A.

Electro-Measurement, Inc. A.
Electronic Assoc., Inc. A.

Engineered Electronics Co. 1.
Evershed & Vignoles Ltd. A.

Feedback Controls, Inc. A.
Gulton Industries, Inc. A-D.

Hewlett-Packard Co. D.
Librascope Inc. A-D.

Metropolitan Vickers Electrical Co. Ltd. A-D.
Norden Div., United Aircraft Corp. D.

Patterson, Moos Div. of Universal Winding Co., Inc. A-D.
Philco Corp. Gov. & Ind. Div. D.

Potter Instrument, Inc. D.
Rediffon England Ltd. A.

Reeves Instrument Corp. A-D.
Reflectors Corp. A.

S. A. Rocher Electronique. A.
Servonics, Inc. A-D.

Siemens & Halske A.G. D.
Southern Instrument Ltd. A.

Subsystems Div., Servomechanisms, Inc. D.

Aircraft Marine Prods. of Canada Ltd. 4-7-10-12.
Airtron Canada Ltd. 11.

Amphenol Canada Ltd. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15.

■ Andrew Antenna Corp. Ltd. 3-4.

Armco. 9-14.
Aviation Electric Ltd. 4-6-7-9-15.

Benco Television Associates Ltd. 4.
■ Burndy Canada Ltd. 4-6-7-9-11-12.

■ Cambridge Thermionic 5-9-12.
Canadian Marconi Co., Radio Relay Div. 4.

Cannon Electric Canada Ltd. 2-3-4-5-6-7-9-11-12-13-14-15.
Electronic Components Ltd. 11.

Ericsson Telephone Sales of Canada Ltd. 8.
Holub Industries, Inc. 5.

Jerrold Electronics Corp. 4-9-13.
Joy Mfg. Co. (Canada) Ltd. 4.

Lucas Rotax Ltd. 8.
Phalo Plastics Corp. 10.
Phillips Electrical Co. Ltd. 4.

The Plessey Co. of Canada Ltd. 4-6-7-9-11-15.
■ Quality Hermetics Ltd. 7.

■ Sinclair Radio Labs. Ltd. 3-4.
N. Slater Co. Ltd. 11.

S. Smith & Sons (Canada) Ltd. 4.
T.M.C. (Canada) Ltd. 3.

Tenatronics Ltd. 3-4.
■ United-Carr Fastener Co. of Canada Ltd. 1-2-3-4-6-9-10-11-12-13-14.

Aerialite Ltd. 3-4.
Aerolite Electronics Corp. 10-11.

Alcon Metal Products, Inc. 3-10.
Allied Industries, Inc. 4-6-7-9-13-15.

Anton Electronics. 7-8-12.
Associated Engrg. Corp. 11.

Automatic Metal Prod. Corp. 3-4-6-9-14.
Belling & Lee Ltd. 2-3-4-7-8-9-10-12-13-14-15.

Bendix Aviation Corp., Scintilla Div. 6-7-9-11-14-15.
Birnbaum Radio Co., Inc. 1-2-9-10.

Blonder-Tongue Labs. Co. 4-13.
Bogart Mfg. Corp. 3.

Breeze Corporation, Inc. 9-14.
A. F. Bulgin & Co. Ltd. 2-10-11.

Cinch Mfg. Co. 1-2-3-4-5-6-8-9-10-11-12-13-14.
Circon Component Co. 1-2-3-5-8-9-10-11-12-13-14.

Coaxial Connector Co., Inc. 1-2-3-4-5-9-10-11-13-14-15.
Commercial Plastics. 10-11.

Connector Corp. 3-5-10.
Continental Connector Corp. 1-4-6-7-9-11-12-14.

A/S Danavox. 10-14.
Danbury-Knudsen Div. of Amphenol.

The Deutsch Co. 2-6-7-9-15.
Dialight Corp. 2.

Diamond Antenna & Microwave Corp. 3-4.
Dielectric Prods. Engrg. Co., Inc. 3-4-13.

Eagle Electric Mfg. Co., Inc. 6-8-11.
Eby Sales Co. 1-2-3-10.

Hugh H. Eby Co., Inc. 10-11.
Eitel-McCullough, Inc. 1.

Elco Corp. 2-4-6-9-11-12-14.
Electronic Industries Div. of Philips Electronics, Inc. 7.

Electronics Corp. 11.
Electrix Terminals & Connectors Ltd. 6.

Entron, Inc. 13.
Feltner & Guillaume Carlswerk A. 4.

Fusite Corp. 7.
General Radio Co. 4.

Gorn Elec. Co., Gorn Electronics Div. 7-9-12.
Grayhill, Inc. 5.

Gremar Mfg. Co., Inc. 4.
Gulton ind. 4.

Harwin Engineers Ltd. 9-14.
Harvey Hubbell, Inc. 8-9-12.

Ilumitronic Engrg. 2-10.
Industrial Prods. Co. 4-14.

Insulators Ltd. 11.
E. F. Johnson. 9.

Keystone Electronics Corp. 2-4-10.
Malco Tool & Mfg. Co. 3-8-9-12-14.

Mayfair Molded Prods. Corp. 1.
The McMurdo Instr. Co. Ltd. 6-9.

Microdot, Inc. 4-6-7-8-9-12-14-15.
6-10-13-15.
Mosley Electronics, Inc. 3.

Murphy Radio Ltd. 3-6.
National Co., Inc. 1-2-3.

National Tel-Tronics Corp. 1-2-3-8-10.
Oxley Developments Co. Ltd. 2-9.

Painton & Co. Ltd. 2-6-12.
Penn-East Engineering Corp. 11-14.

Permonite Mfg. Co. 10.
Richards Electrocraft, Inc. 6-9-10.

Siemens Edison Swan Ltd. 10.

Specialty Engrg. & Electronics Co. 11-15.

Stratton & Co. Ltd. 1.
Switchcraft, Inc. 2-10.

Tru-Connector Corp. 4-9-14.
U. S. Components, Inc. 2-7-9-12-14.

Ucinite Co. 1-5-12.
Union Electronics & Machine Corp. 4-6-13.

Waldom Electronics, Inc. 8-10.
Waltham Horological Corp. 3-4-13.

Whiteley Electrical Radio Co. Ltd. 15.
Winchester Electronics, Inc. 1-2-3-4-5-6-7-8-9-11-12-13-14-15.

Daniel Woodhead Co. 6.
Workman TV, Inc. 10.

CONTACTS—Electrical

Amphenol Canada Ltd.
Cannon Electric Canada Ltd.

Engelhard Ind. of Canada Ltd.
Osborne Electric Co. Ltd.

Aemco, Inc.
Electro-Miniatures Corp.

Fanstel Metallurgical Corp.
Johnson Matthey & Co. Ltd.

The Keyswitch Co.
P. R. Mallory & Co., Inc.

Permonite Mfg. Co.
Siemens Edison Swan Ltd.

Staver Co., Inc.

CONTROLS

1. Alarm System
2. Automatic Tuning
3. Automatic Voltage Regulating
4. Capacitance Operated
5. Chemical Counting & Sorting
7. Dimension
8. Door
9. Electric de motor
10. Electronic ac motor speed
11. Elevator Leveling
12. Film Thickness
13. Flame Failure
14. Flexible Mechanical Push-Pull
15. Fluid Conductivity
16. Fluid Flow
17. Food Processing
18. Frequency
19. Heat Treating
20. Humidity
21. Illumination
22. Inspection
23. Liquid Level
24. Loop Regulation
25. Machine Safety
26. Materials Thickness
27. Mechanical Overload
28. Mechanical Switch
29. Moisture
30. Oxygen
31. Package Wrapping
32. pH
33. Photoelectric
34. Protographic Exposure
35. Positioning
36. Power Level
37. Pressure
38. Printing
39. Radio Remote
40. Register
41. Register Cutter
42. Servo
43. Smoke and Combustion
44. Sound System
45. Specific Gravity
46. Strain
47. Temperature
48. Tentering
49. Timing
50. Torque
51. Turbidity
52. Ultrasonic
53. Vacuum
54. Ventilating Control
55. Systems
56. Weight
57. Welding

Amalgamated Electric Corp. Ltd. 43-44.

■ Automatic Electric Canada Ltd. 1-54.

Automatic Telephone & Sound Services Ltd. 1-44.

Autonotronics Control 23-33-40.

Aviation Electric Ltd. 16-23-30-35-37-42.

Bailey Meter Co. Ltd. 15-16-23-30-32-35-37-43-45-47-49-51-53-55.

■ Barber Colman of Canada Ltd. 8-13-20-32-47.

Beaconing Optical & Precision Matl. 33-35-39.

Bepco Canada Ltd. 4-8-23-33-43-56.

The Bristol Co. of Canada Ltd. 15-16-17-18-19-20-23-30-32-35-37-43-46-47-49-51-52.

Brown Boveri (Canada) Ltd. 3-39.

Canadian Chromalox Co. Ltd. 19-47.

Canadian Curtis-Wright Ltd. 7-12-16-23-26-29-45.

Canadian Cutler-Hammer Ltd. 9-10-55.

■ Canadian General Electric Co. Ltd. E.E. & T.D. 9-10-23-24-25-33-35-36-38-39-40-41-43-49-55.

■ Canadian Marconi Co. 3-8-23-33-40-49.

Canadian Motorola Electronics Ltd. 39.

■ Canadian Research Institute 20-21-22-32-33-39-43-47-49.

Canadian Sonic Co. 26-46-52.
 Canadian Westinghouse Co. Ltd., Electronics Div. 1-3-6-7-9-10-18-19-22-25-26-33-35-39-40-41-42-43-46-49-56.
 Central Scientific Co. of Canada Ltd. 32-33-53.
 Collins Radio Co. of Canada Ltd. 42.
 Controls Co. of America Canada Ltd. 13-16-23-28-49-55.
 Daystrom Ltd. (Weston) 47.
 Dominion Electromechanical Industries Ltd. 1-5-6-7-9-10-11-12-13-15-16-17-23-24-25-26-27-31-32-33-35-36-40-41-43-45-46-47-48-49-50-51-52-53.
 Douglas Randall (Canada) Ltd. 10.
 Edo (Canada) Limited 42.
 Edwards High Vacuum Canada Ltd. 53.
 Electrolabs 3.
 Electronic Associates Ltd. 22-23-26-33-39-45-49-50.
 Electronic Communications Ltd. 9-10-21-33-35-39-44-52-55-57.
 Electronic Controls Ltd. 9-10.
 Electronic Research & Development Co. Ltd. 1-44.
 Electronic Corp. of America (Canada) Ltd. 8-13-21-22-23-33-43-49.
 Engineered Sound Systems Ltd. 44.
 Ericsson Telephone Sales of Canada Ltd. 1-8-18-43-49.
 Executive Communications Systems Ltd. 44.
 Ferranti-Packard Electric Ltd. 7-15-16-21-22-23-33-35-37-38-39-41-42-46-47-49-55.
 Fischer & Porter Canada Ltd. 16-23-37.
 Fischer Research Lab. Ltd. 23-29-47.
 Fisher Scientific Co. Ltd. 5-32-47-56.
 Found Bros. Aviation Ltd. 14-16-35-42-50.
 The Foxboro Co., Ltd. 15-16-17-19-20-23-26-30-32-25-27-45-47-54-56.
 E. H. Frost Canada Ltd. 44-54.
 Garrett Mfg. Corp. of Canada Ltd. 3-9-10-16-18-35-37-42-47-54-55.
 General Controls Co. (Canada) Ltd. 6-7-22-37.
 Helipod Div., Beckman Instr., Inc. 18.
 Honeywell Controls Ltd. 8-10-13-15-16-17-18-19-20-23-25-26-28-29-30-32-37-42-43-45-46-47-51-53-54-55.
 Humble Mfg. Co. Ltd. 43.
 Ind. Electronics Div., C. C. Meredith 33-49.
 International Business Machines Co. Ltd. 49.
 George Kelk Ltd. 3-6-7-22-33-42-46-47-48.
 Lenkurt Electric Co. of Canada Ltd. 18-24-36-39-44-55.
 Lucas-Rotax Ltd. 9-10-18-27-28-37-47-55.
 McCurdy Radio Industries Limited 44.
 Measurement Engrs. Ltd. 1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-20-21-22-23-25-26-29-31-32-33-35-37-38-40-41-43-47-48-49-50-51-55.
 Meredith C. C. & Co. Ltd. 10-33-36-55.
 Millitronics Ltd. 3-16-24-36-46.
 Muirhead Instruments Ltd. 42-55.
 National Sound Services Ltd. 44.
 R. H. Nichols Ltd. 3-39.
 Northern Radio Mfg. Co. Ltd. 39-55.
 Osborne Electric Co. Ltd. 1-3-25.
 Philips Electronics Industries Ltd. 6-19-20-21-32-37-47-53.
 The Plessey Co. of Canada Ltd. 39-43-44.
 Polytronics Co. 13-31-33-35-43-47-51.
 Powertronic Equipment Ltd. 1-3-9.
 Precision Welder & Flexopress (Canada) Ltd. 56.
 Pye Canada Ltd. 39.
 Radio Communications Equipment & Engrs. Ltd. 1-6-17-33-39.
 Raytheon Canada Ltd. 10-35-42.
 Renfrew Electric Co. Ltd. 42.
 Research Industries Ltd. 1-6-7.
 Servomechanisms (Canada) Ltd. 10-29-35-42.
 Sharpe Instruments Ltd. 5-6-16-17-19-32-33-42-43-49.
 C. R. Snelgrove Co. Ltd. 18.
 Sola Electric (Canada) Ltd. 3.
 Sperry Gyroscopic. 35-42-43.
 Springfield Labs. 3-6-10-16-37-46-47-54-55.

Standard Electric Time Co. of Canada Ltd. 1.
 R. W. Stark. 36-47.
 Taylor Instrument Co. of Canada Ltd. 16-17-20-23-32-37-47-53-55.
 Tecneek Associates 47.
 Tele-Radio Systems Ltd. 55.
 Thermo Electric Canada Ltd. 47.
 Thermovolt Instruments Ltd. 16-19-20-23-29-32-33-37-42-47.
 F. V. Topping Electronics Ltd. 1-4-18.
 Transonic Ltd. 52.
 Triad Instrument & Controls Ltd. 9-10-19-33-42-47.
 Vector Labs. Inc. 7-8-17-18-21-22-25-33-35-39-42-43-47-49-50-55-56.
 Ward Leonard of Canada Ltd. 9-23.
 AEG. Stuttgart 43.
 Acoustica Associates 23-52.
 Acromag, Inc. 18.
 Advance Components Ltd. 18.
 Aemco, Inc. 49.
 Aero Research Instrument Co., Inc. 16-23-47.
 Aga Div. of Esna. 49.
 Airborne Instrument Lab., Inc. 35.
 Allegany Instr. Co., Inc., 21-33-37-46-47-55.
 Allied Control Co., Inc. 16-23.
 Alto Scientific Co., Inc. 49.
 American Electric Mfg. Corp. 21-33.
 Analogue Controls, Inc. 26-27-42-46.
 Andersen Labs., Inc. 52.
 Assembly Prods., Inc. 9-27.
 Atomak Valve Co., Inc. 16.
 Atlas Valve Co. 16-20-23-37.
 Atomic Prods., Inc. 49.
 Automatic Timing & Controls, Inc. 42-35-49-55.
 Automatic Valve Co., Inc. 16.
 Automation Prods., Inc. 23.
 Avien, Inc. 4-23-47.
 B & F Instruments, Inc. 50.
 BJ Electronics, Borg-Warner Corp. 37.
 Bailey Meters & Controls Ltd. 43-44.
 Baird-Atomic, Inc. 3-4-6-20-22-39-47-49.
 Barber-Colman 9-10.
 Barnes Development Co. 6.
 Bassett Rex Inc. 18.
 Beckman Instr. Inc. Scientific Instr. 5-26-30-32-45-51.
 Beckman Instruments, Systems Div. 6.
 Belling & Lee Ltd. 49.
 Bendix Aviation Corp. 23-52.
 Brooks Rotameter Co. 16.
 Bowman Instrument Corp. 6-35-42-43-49.
 Bruel & Kjaer 37-44-46.
 Budelman Electronics Corp. 18-39.
 Cambridge Instrument Co. Ltd. 15-32-47.
 Cinema Engrs. Div. of Aerovox Corp. 44.
 Compagnie Francaise Horton 44.
 Computer Measurements Corp. 6-18-49.
 Consolidated Electrodynamics Corp., Rochester Div. 53.
 Control Panel Corp. 1-6-9-16-12-13-31-33-54-55.
 Controls Electronics Co. Inc. 18-42.
 Cramer Controls Corp. 49.
 The S. H. Couch Co., Inc. 1.
 Dale Prods., Inc. 39.
 Dayton Corp. 7-35-37-46-56.
 Detroit Controls Corp. 10-28.
 Designers for Industry, Inc. 7-17-26-28-31.
 Deuta-Werke GmbH 25-26-27-28-29-30.
 Dewhurst & Partner Ltd. 11.
 Diehl Mfg. Co. 42-50.
 Dukane Corp. 44.
 Allen B. Du Mont Labs., Inc. (Int. Div.) 39.
 Dunn Engineering Associates, Inc. 6-15-16-29-32.
 Dyna, Inc. 44.
 Eastern Industries, Inc. 42.
 Ebert Electronics Corp. 15-16-22-23-33.
 Elcontrol Ltd. 13-23.
 Electrical Communications, Inc. 1-39.
 The Electric Construction Co. 3-9.
 Electric Eye Equipment Co. 29.
 Electronic Assoc., Inc. 3-10-24-35-42-49.
 Electronic Control Corp. 1-6-23-33-43-47-49.
 Electronic Instruments Ltd. 5-32.
 Electronic Specialty Co. 1-2-3-9-10-18-23-35-42-44-49-54.

Electronics Corp. of America, Photo Switch Div. 33.
 Electro-Snap Corp. 14-21-27-28-29-35.
 El-Tronics Corp. 20-29.
 George Ellison Ltd. 16-28.
 Engineered Electronics Co. 1-6-22-23-26-33-39-45-49-50.
 Evans Electro Selenium Ltd. 43.
 Evershed & Vignoles, Ltd. 16-23-37-47.
 F. A. J. Tools Co. 35.
 Fairchild Controls Corp., Components Div. 1-5-10-16-17-23-35-36-37-42-45-47.
 Falcon Machine & Tool Co. 14.
 Farmer Electric Products Co., Inc. 6-17-22-25-28-31-33-35-40-41-43-49-55-56.
 Favag Fabrique D'appareils Elec S.A. 17.
 Feedback Controls, Inc. 42.
 Fenwal Controls, Inc. 5-19-47.
 E. Fischer & Co. 7-26.
 General Communications Co. 45.
 General Radio Co. 9.
 Globe Ind., Inc. 30.
 Gorn Elec. Co., Aircraft Controls Div. 23-37.
 Gorrell & Gorrell. 49.
 Great Lakes Mfg. Co. 20-42.
 Greenleaf Mfg. Co. 42-43-46-54.
 Gulton Indus. 12-16-23-26-37-46-47-52.
 Haenni & Co. A.G. 53.
 Hallamore Electronics Co. 44.
 Hartman & Braun AG. 15-16-19-20-23-30-32-33-37-43-49.
 The Hartman Electrical Mfg. Co. 9-15-16-19-20-23-30-32-33-37.
 The A. W. Haydon Co. 9-22-28-34-49.
 Holt Instruments Co. 3.
 Hoover Electronics Co. 55.
 Horstmann Gear Co. Ltd. 21.
 Hughey & Phillips. 39.
 Industrial Control Co. 42.
 Industrial Instruments, Inc. 5-15-20.
 Instrument Development Labs., Inc. 33.
 Isotope Developments Ltd. 6-23-26-55.
 I/S Jensen Electric. 47.
 Jensen Mfg. Co. 44.
 Jaquet Ltd. 49.
 Joens. 3-15-16-18-19-20-23-27-28-29-32-40-42-43-47-53-54-55.
 Kearfoot Co., Inc. 16-23-26-35-42.
 Kepco Labs., Inc. 3-24.
 Kupfman Mfg. Corp. 14.
 Dr. B. Lange 8-33.
 J. Langham Thompson Ltd. 56.
 Lavoie Labs., Inc. 22.
 Leach Corp. 3-9-10-14-18-24-27-28-31-36-37-42-43-50-54.
 Lear, Inc. 35-39-42.
 Legra 7-26.
 Lesa Costruzioni Elettromeccaniche. 2.
 Librascope, Inc. 1-2-5-6-12-16-17-23-34-37-42-43-49-50.
 Lintronic Ltd. 16-46-47.
 The Lux Clock Mfg. Corp. 49.
 M.T.E. Control Gear Ltd. 9-10-19-27-28-36-38-42-49.
 Machinery Electrification, Inc. 7-8-13-16-17-23-33-35-49.
 Magnavox Co. 28-33.
 Magtrol, Inc. 35-50.
 Manson Labs., Inc. 18.
 Metals & Controls Corp. 47.
 Metra Corp. 9-21-23-32.
 Metropolitan Vickers Electrical Co. Ltd. 1-3-6-9-10-11-18-33-35.
 Montgomery Mfg. Co. 49.
 Moog Servocontrols, Inc. 16-35-42.
 Moore Associates, Inc. 1-39.
 F. I. Moseley Co. 42.
 Murphy Radi Ltd. 39.
 N.J.E. Corp. 18.
 N.R.C. Equipment Corp. 53.
 Narda Ultrasonics Corp. 52.
 Nash & Thompson Ltd. 16.
 National Co., Inc. 18-42-43-50.
 National Instr. Labs., Inc. 16-30-37.
 National Theatre Supply Co. 44.
 R. W. Neill Co., Inc. 44.
 Nems Clarke, Inc. 34.
 Norden Div., United Aircraft Corp. 7-35-42.
 Northam Electronics, Inc. 37.
 Northern Radio Co., Inc. 39-55.
 Nuclear Corp. of America, Inc. 1-2-6.
 Opad Electric Co. 3-6-9-18.
 Owen Labs., Inc. 46.
 Pacific Automation Prods., Inc. 39-47.
 Paragon Electric Co. 49-54.
 Patterson, Moos Div. of Universal Winding Co., Inc. 1-43-47-54.
 Perkin Engrs. Co. 3.
 Philips Electronics, Inc. 39.
 Photon Research Prod. 34.

Photovolt Corp. 5-21-32-33-43.
 Pneu-Trol, Inc. 16.
 Polarad Electronics Corp. 32.
 Polyphase Instrument Co. 46.
 Potter Instrument, Inc. 6-18-40-49.
 W. G. Pye Co. Ltd. 15-16-17-29-32.
 Rascal Engrs. Ltd. 39.
 Radiat. on Counter Labs., Inc. 23.
 Radio Corp. of America. 39-43.
 Radio Frequency Lab., Inc., Comm. Div. 39.
 Radiometer 32.
 Revere Corp. of America 16-23-46-56.
 Ripley Co., Inc. 23-33-43-57.
 Robertshaw-Fulton Controls Co. The Instrument Div. 4-23.
 S. A. Rocher Electronique 7-9-10-55-57.
 Rohde & Schwarz 44.
 Arthur C. Ruge. 47.
 S/A Saia 17-49.
 Sanborn Co. 46.
 Schaeffitz Engrs. 7-9-16-27-28-35-37-42.
 Schomandl K.G. 18.
 Seely Instrument Co., Inc. 49.
 Serdex, Inc. 20-47.
 Servo Corp. of America. 42.
 Servomex Controls Ltd. 9-30-42.
 Servonics, Inc. 22-76-27-42-46.
 Sheffield Corp. 7-22-26.
 Siemens Edison Swan Ltd. 9-42.
 Siemens & Halske A.G. 7-15-16-17-18-19-20-21-22-23-25-26-27-29-30-32-33-36-37-39-42-43-44-45-46-47-49-50-53-54.
 Sifam Electrical Instruments Co. Ltd. 47.
 Simmonds Aerocessories, Inc. 14-23.
 Simplex Co. 3.
 Sinclair-Collins Valve Co. 16.
 Skinner Electric Valve Div. 16.
 Skydyne, Inc. 55.
 Slaughter Co. 21.
 Sodoco, Societe des Compteurs de Geneve. 6.
 Soensen & Co., Inc. 18.
 Southern Instruments Ltd. 46-47-50.
 Standard Instruments, Inc. 33.
 Statham Labs., Inc. 46.
 Stromberg Carlson Co. Div. of Gen. Dynamics. 44.
 Stromberg Time Corp. 49.
 Superior Electric Co. 3.
 Tally Registe Corp. 55.
 Telefunken GmbH. 44.
 Television Utilities Corp. 33-43.
 Telextron Inc. 1-49.
 Tel Instrument Electronics Corp. 3.
 Texas Instruments Inc. 23-55.
 Transistor Devices, Inc. 3.
 The Trix Electrical Co. Ltd. 44.
 United Aircraft Prods. Inc. 37-42-47-53-55.
 United Electric Controls Co. 5-8-17-19-20-23-27-28-29-31-37-47-53-54.
 Vaelec (Control Equipment) Ltd. 9-42.
 Varo Mfg. Co., Inc. 10-18-42.
 Vectrol Engrs., Inc. 10-18-21-33-42-47-50.
 Veeco Vacuum Corp. 53.
 Venner Electronics Ltd. 6-10-49.
 Walkirt Co. 17-18-49.
 Waters Mfg. Inc. 3-15-19-21-22-25-33-36-37-39-47-51-55.
 Waugh Engrs., Co. 18.
 Webster Electric Co. 23-49.
 Wells Industries Corp. 20-30-37.
 Westport Electric 6.
 W. M. Welch Mfg. Co. 12-34-38.
 Whiteley Electrical Radio Co. Ltd. 44.

CONVERTERS

- | | |
|---------------------------|--------------------------------|
| 1. Analog to Digital | 8. Power Frequency, Electronic |
| 2. Card to Tape | 9. Power Frequency, Rotary |
| 3. Computing | 10. Power Frequency, Vibrator |
| 4. Digital to Analog | 11. ash Receiver |
| 5. Frequency Shift Keying | 12. rf |
| 6. High Frequency | 13. Tape to Card |
| 7. Low Frequency | 14. Television (amb to vhf) |
- Airtron Canada Ltd. 6.
 Amalgamated Electric Corp. Ltd. 9.
 Aviation Electric Ltd. 1-4.
 Bailey Meter Co. Ltd. 1.
 Beama Engrs. Ltd. 14.
 Benco Television Associates Ltd. 6-14.
 Brown-Boveri (Canada) Ltd. 5-9.
 Canadian General Electric Co. Ltd., E.E. & T.D. 14.

■ Canadian Research Institute 8-10.
Canadian Sonic Co. 10.
Collins Radio Co. of Canada
Ltd. 2-5-13.
Daystrom Ltd. (Heath) 6.
ElectroData Div., Burroughs
Corp. 3.
Electronic Associates Ltd. 1-3-4.
Electronic Controls Ltd. 8.
Electronic Research & Develop-
ment Co. Ltd. 10-11.
Ferranti-Packard Electric Ltd.
1-2-3-4.
Fischer & Porter Canada Ltd. 1.
The Garrett Mfg. Corp. of
Canada Ltd. 4-8.
The Hoover Co. Ltd. 9.
Ind. Electronics Div., C. C.
Meredith 9.
■ International Business Machines
Co. Ltd. 1-2-3-13.
Jerrold Electronics (Canada) Ltd.
12-14.
Lenkurt Electric Co. of Canada
Ltd. 5.
Lucas-Rotax Ltd. 6-9.
Northern Radio Mfg. Co. Ltd. 5.
The Plessey Co. of Canada Ltd.
5-6-7.
■ Pylon Electronic Development
Co. Ltd. 7-8.
RCA Victor Co. Ltd. 5.
Regency Electronics Ltd. 14.
Research Industries Ltd. 10.
Servomechanisms Canada Ltd. 1.
Sharpe Instrument Ltd.
2-3-4-13.
Sperry Gyroscope Co. 1-3-4.
Standard Television Prod. Ltd.
9-10.
■ T.M.C. (Canada) Ltd. 5-6-7.
F. V. Topping Electronics Ltd.
5-6-7-8-12.
Triad Instruments & Controls
Ltd. 8.
Watkins Electronics Ltd. 14.
Aerialite Ltd. 14.
American Television & Radio.
9-10.
Applied Research Inc. 14.
Arnoux Corp. 1-4.
BJ Electronics, Borg-Warner
Corp. 1.
Baird-Atomic, Inc. 9-10.
Beckman Instruments Inc.,
Systems Div. 1-2-3-4.
■ Berkeley Div., Beckman Instru-
ments Inc. 1-2-3-4-13.
■ Behlman Engrg. Co. 8.
Blonder Tongue Labs., Co. 12-14.
David Bogen Co. Inc. 14.
California Computer Prods., Inc.
1-4.
Carter Motor Co. 9.
Chadwick-Helmuth Co. 3.
Coleman Engrg. Co. Inc. 1-4.
Communications Measurements
Labs. 8.
Computer Control Co. Inc.
1-2-3-4-13.
Control Panel Corp. 1-3-4.
Cornell-Dubilier Elec. Corp. 10.
Croydon Precision Instruments
Co. 6-7-8.
Cubic Corp. 1.
Di-An Controls, Inc. 2-13.
Donner Scientific Co. 3.
Eddystone Co. Ltd. 11.
Eicor, Inc. 9.
The Electric Construction Co. 9.
Electric Specialty Co. 9.
Electro Development Corp. 8-10.
Electro Instruments, Inc. 1.
Electronic Associates, Inc. 1.
Electro Measurements, Inc. 13.
Electronic Research Associates
Ltd. 8.
Elliot Bros. Ltd. 3.
Engineered Electronics Co. 1-3-4.
Entron, Inc. 12-14.
Epsco, Inc. 1-4.
Gulton Industries, Inc. 1.
Hammarlund Mfg. Co. Inc. 12.
Hoover Electronics Co. 1-4.
I.D.E.A., Inc. 14.
Industrial Control Co. 1-3.
Industrial Test Equipment Co. 8.
Instrument Development Labs.,
Inc. 1.
Jack & Heintz, Inc. 9.
James Vibrapower Co. 10-14.
Kato Engrg. Co. 9.
Kupfrian Mfg. Corp. 8.
Librascope Inc. 1-2-3-4-13.
Lintron Ltd. 1-5.
Mark Simpson Mfg. Co. Inc. 10.
Menlo Park Engrg. Co. 6.
Motor Generator Corp.
N.J.E. Corp. 8.
Newton Bros. (Derby) Ltd. 9.
Non-Linear Systems, Inc. 1.
Norden Div., United Aircraft
Corp. 1-2-4.
Northern Radio Co., Inc. 5.
Owen Labs., Inc. 4.
Pacific Automation Prods., Inc.
3.

Perkin Engrg. Corp. 7-8.
Polyphase Instrument Co. 8.
Potter Instrument, Inc. 1-2.
Racal Engrg. Ltd. 5-6-7.
Radiation Instrument Dev. Labs.
1-4.
Radiation, Inc. 1-4.
Radio Frequency Lab., Inc.,
Comm. Div. 5.
Reeves Instrument Corp. 1-3-4.
S. A. Rocher Electronique 9.
Servonics, Inc. 1-3.
■ Siemens & Halske A.G. 5.
Siemens-Schuckertwerke A.G. 9.
Sorensen & Co., Inc. 7-8.
Southern Instruments Ltd. 1-2-4-
9-13.
Telechrome Mfg. Corp. 5.
Tel Instrument Electronic Corp.
8.
Trio Labs, Inc. 3.
Ultradyn, Inc. 8.
Universal Transistor Products
Corp. 6-7-8.
Varo Mfg. Co., Inc. 8-9.
Vectrol Engrg., Inc. 8.
Vokar 10.
Waugh Engrg. Co. 8.

CORD SETS

Amphenol Canada Ltd.
Campbell Manufacturing Co.
Ltd.
Cords (Canada) Ltd.
Electronic Components Ltd.
Fleck Mfg. Ltd.
Len Finkler & Co.
Associated Engrg. Corp.
Audio Development Co.
Circle "F" Mfg. Co.
Daniel Woodhead Co.
Eagle Electric Mfg. Co., Inc.
Pacific Automation Prods., Inc.
Peerless Prods., Inc.
Phalco Plastics Corp.
Trimm Inc.
Waldon Electronics, Inc.

CORDS

1. Line 3. Retractable
2. Patch
■ Aircraft Marine Prods. of Cana-
da Ltd. 2.
Amalgamated Electric Corp. Ltd.
1-2-3.
Boston Insulated Wire & Cable
Co. Ltd. 1-2-3.
Cords (Canada) Ltd. 1.
Electronic Components Ltd. 1-3.
Len Finkler & Co. 1-2.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson) 1-2-3.
Lenkurt Electric Co. of Canada
Ltd. 2.
Northern Electric Co. Ltd. 2.
Northern Radio Mfg. Co. Ltd. 2.
Phillips Radio Co. Ltd. 1.
■ T.M.C. (Canada) Ltd. 2.
X-Ray & Radium Industries Ltd.
3.

Aerialite Ltd. 1-3.
Amplivox Ltd. 1.
Associated Engrg. Corp. 1-2.
Audio Development Co. 1-2.
Berkshire Electric Cable 1-3.
Birnback Radio Co., Inc. 1-2-3.
Eagle Electric Mfg. Co., Inc. 1.
Electronic Corp. 2.
General Radio Co. 1-2.
Lapp Insulator Co., Inc. 2.
Nems-Clarke, Inc. 2.
Pacific Automation Prods., Inc.
1.
Phalco Plastics Corp. 1-2.
Pomona Electronics Co. 2.
Royal Electric Corp. 1.
■ Siemens & Halske A.G. 1-2-3.
Teletron Industries Corp. 3.
Telephone Mfg. Co. Ltd. 1-2-3.
Trimm, Inc. 2.
Universal Circuit Controls 2.
Vector Electronic Co. 2.
Waldon Electronics, Inc.

CORES

1. C Type 6. Iron
2. Ceramic 7. Powdered
3. E Type 8. Slug Tuning
4. Ferrite Units
5. High Perme- 9. Tape Wound
ability 10. Toroidal
Magnetic
Aerovox Canada Ltd.
1-3-4-5-6-7-8-10.
Allen-Bradley Canada Ltd. 4.
Canadian Stackpole Ltd. 4.
■ Canadian Westinghouse Co.
Ltd., Electronics Div.
1-2-3-4-5-6-7-9-10.
El-Met Parts Ltd. 1-5-6-10.
Ericsson Telephone Sales of
Canada Ltd. 1-10.
I.C.R. Mfg. Co. Ltd. 2-4-5-8-10.
Lenkurt Electric Co. of Canada
Ltd. 4-5-7-10.

Neosid (Canada) Ltd. 5-6-7-8-10.
Micarta Fabricators Ltd.
2-4-9.
Moloney Electric Co. of Canada
Ltd. 1-9.
The Plessey Co. of Canada Ltd.
2-4-7-8.
■ Raytheon Canada Ltd. 1.
■ Rogers Electronic Tubes &
Components 4.

Acromag, Inc. 10.
Aironon Inc. 4.
■ The Arnold Engrg. Co.
1-5-6-7-9-10.
Associated American Winding
Machinery. 1-9.
Automatic Mfg. Div., General
Instrument Corp. 4-7.
Burroughs Corp. 9.
C. G. Electronics Corp. 10.
The Carborundum Co. 2.
Custom Components, Inc. 5-6-7.
Delevan Electronics Corp. 8.
Di-An Controls, Inc. 5.
Electro-Ceamics, Inc. 2.
Ferrotec, Inc. 4.
General Ceramics Corp. 4-5.
Gulton Industries 2.
International Resistance Co. 10.
Kearfott Co. Inc. 4.
Magnetic Core Corp. 4-5-6-7-8-10.
Magnetic Metals Co. 5-7-9-10.
Magnetics, Inc. 5-7-9-10.
Murex Ltd. 5.
National Mouldite Co.
3-4-5-6-7-8-10.
Polypenco, Inc. 5-7-8.
Polyphase Instrument Co. 10.
Pyroferic Co., Inc. 5-6-7-8.
Sprague International Ltd. 2-4-9.
D. M. Stewart Mfg. Co. 4.
Superex Electronics Corp. 4-8.
Telcon Magnetic Cores Ltd. 1-3-
9-10.
Telephone Mfg. Co. Ltd. 5-7.
Whiteley Electrical Radio Co.
Ltd. 1-5-6-9.

COUNTERS

1. Alpha 8. Geiger
2. Beta 9. Mechanical
3. Binary 10. Neutron
Sensitive Sensitive
4. Decade 11. Photoelectric
5. Electronic 12. Probing,
Frequency Medical
7. Gamma 13. Proportional
Amalgamated Electric Corp. Ltd. 14.
Bailey Meter Co. Ltd. 14.
Beaconing Optical & Precision
Matl. 4-5-9-11.
Bepco Canada Ltd. 11.
■ Canadian Marconi Co. 5-6.
■ Canadian Research Institute.
1-2-3-5-7-8-10-11-12-15.
■ Canadian Westinghouse Co.
Ltd., Electronics Div. 11.
Computing Devices of Canada
Ltd. 3-4-5-6.
Davis Automatic Controls Ltd.
9-14.
Dial & Instrument Finishers Ltd.
1-2-3-7-8-10-12-13-15-16.
Dominion Electrohome Indus-
tries Ltd.
1-2-5-7-8-10-11-12-14-15-16.
Electronic Associates Ltd. 1-2-3-5-
7-8-11-12-13-14-15-16.
Electronic Communications Ltd.
4-5-11.
Electronics Corp. of America
(Canada) Ltd. 11.
Ericsson Telephone Sales of
Canada Ltd. 4-5.
Ferranti-Packard Electric Ltd.
3-5.
Fisher Research Lab. Ltd. 8-15.
General Controls Co. (Canadian)
Ltd. 4-5-9-14.
Honeywell Controls Ltd. 5.
Humble Mfg. Co. Ltd. 8.
George Kelk Ltd. 11.
Marstrand Engrg. Co. Ltd. 4.
■ Measurement Engrg. Ltd.
1-2-4-5-6-7-8-11-15.
■ R. H. Nichols Ltd. 14.
Northern Radio Mfg. Co. Ltd.
5-6.
■ Philips Electronics Industries
Ltd. 1-2-3-5-7-8-13-15-16.
Plessey Co. of Canada Ltd. 8-10-
15.
Polytronics Co. 11.
Research Industries Ltd. 3.
■ Rogers Electronics & Compo-
nents Div. of Philips Elec-
tronics Ind. Ltd. 3-6-8.
Servomechanisms Canada Ltd. 3-
4-5-14.
Sharpe Instruments Ltd.
2-3-6-8-15.
S. Smith & Sons (Canada) Ltd.
9-14.

Sperry Gyroscope Co. 5-10.
Standard Electric Time Co. of
Canada Ltd. 8.
Tecneek Associates 4-9-11-14.
Vector Labs, Inc. 11.

Advance Electronics Lab., Inc. 5.
Airmec Ltd. 1-2-5-6-7-8-9-11-14.
Anton Electronics. 2-7-8-10-12-15.
Atomic Accessories, Inc. 8.
Automatic Electric Co. 4.
Automatic Timing & Controls,
Inc. 4-14.
Baird Atomic, Inc. 12-13-15.
■ Beckman Instruments, Inc.
Berkeley Div. 3-5-6-11-14.
BJ Electronics, Borg-Warner
Corp. 1-2-3-5-7-8-10-12-13-15-
16.
Boesch Mfg. Co., Inc. 4-5-9.
Bourman Instrument Corp.
4-9-14.
Burroughs Corp. 3-5.
Computer Controls Co., Inc. 3.
Computer Measurements Corp.
3-5-6-11.
Data Instruments Div., Telecom-
puting Corp. 3-5-6-13-14.
Dawe Instrument Ltd. 3-5-6-14.
Di-An Controls, Inc. 3.
Drello Ing. Paul Drewell, 5.
Durant Mfg. Co. 4-5-9-11-14.
Dynapar Corp. 5.
Electronic Assoc., Inc. 3-4-5.
Electronic Instruments Ltd.
1-2-10-16.
Electronic Prods. Div., Post
Machinery Co. 3-5-11-14.
Electronic Specialty Co. 5.
Engineered Electronics Co. 1-2-
3-5-7-8-11-12-13-14-15-16.
English Numbering Machines
Ltd. 9-14.
Etelco Ltd. 3-5-6-7-8-15.
■ F.R. Inc.
Farmer Electric Prods. Co., Inc.
11.
Fleming Radio Developments 1-2-
7-8-15.
General Radiological Ltd. 1-2-5-7-
8-10-13-15.
■ Guardian Electric Mfg. 9.
Gulton Industries 12.
Hewlett-Packard Corp.
1-3-5-6-11-14.
Hillburn Electronic Prods. Co.
1-4.
Hoffman Electronics Corp. 11.
Industrial Winding Machinery
Corp. 14.
Isotope Developments Ltd.
1-2-5-7-8-10-13-15-16.
J.B.T. Instruments. 14.
Kearfott Co., Inc. 6.
Labgear Ltd. 3-4-7-8-10-15.
Dr. B. Lange. 11.
Lavoie Labs., Inc. 6.
Librascope, Inc. 4-5-9-11.
Machinery Electrification, Inc.
4-9-14.
Metra Corp. 11.
Moore Associates, Inc. 1-3.
Mueller Labs. 4.
Nash & Thompson Ltd. 15.
New London Instrument Co. 6.
Norden Div., United Aircraft
Corp. 3.
Northeastern Engrg., Inc. 3-5-6.
Nuclear Corp. of America Inst.
Div. 1-2-3-7-8-10-12-13-15-16.
Nuclear Measurements Corp. 13-
15.
Nucleonic Corp. of America 1.
Patterson, Moss Div. of Uni-
versal Winding Co., Inc.
1-2-7-8-14-15-16.
Photocon Research Prods.
5-9-14-4.
Photo-Crystals, Inc. 11.
Photovolt Corp. 11.
Potter Instrument, Inc.
3-5-6-13-14.
Precision Radiation Instruments,
Inc. 1-2-7-8-10-12-13-15.
Pyroferic Co., Inc. 1.
Racal Engrg. Ltd. 3-5-6-13-14.
Radiation Counter Labs., Inc.
1-2-7-8-10-12-13-15.
Rank Cintel Instr. 15.
Revere Corp. of America. 4.
Rheem Mfg. Co. 6.
Ripley Co., Inc. 5-11.
S. A. Rocher Electronique
5-6-7-8.
■ Siemens & Halske A.G. 1-2-3-
4-5-7-8-10-11-12-15-16.
Sodeco, Societe des Compteurs
de Geneve. 4-11.
Geo. Stevens Mfg. Co., Inc.
4-5-9.
Tally Register Corp. 5.
Telechrome Mfg. Corp. 3.
Telecomputing Corp. Data
Instrument Div. 3-5-6-13-14.
Television Utilities Corp. 5.
J. Langham Thompson Ltd.
5-6-14.
Trumeter Co. Ltd. 4-9-14.

Universal Atomics Corp.
1-2-7-8-15-16.
Universal Transistor Products
Corp. 12.
Van Norman Industries, Inc.,
Electronics Div. 5.
Veeder-Root, Inc. 4-5-9-11-14.
Venner Electronics Ltd. 3-5-6-
11-14.
Victoreen Instrument Co. 1-2-7-
10-16.
Walkirt Co. 3-5-6-14.

COUPLERS—Directional

Airtron Canada Ltd.
Bayly Engrg. Ltd.
Collins Radio Co. of Canada
Ltd.
Ferranti-Packard Electric Ltd.
Raytheon Canada Ltd.
Research Industries Ltd.
Sinclair Radio Labs. Ltd.
Sperry Gyroscope Co.
TMC (Canada) Ltd.
Watkins Electronics Ltd.

Automatic Metal Prod. Corp.
Blonder-Tongue Labs. Co.
Bogart Mfg. Corp.
Bomac Labs., Inc.
Coaxial Connector Co. Inc.
California Tech. Industries Div.
of Textron Inc.
Controls Electronics Co., Inc.
Diamond Antenna Microwave
Corp.
Dielectric Prods. Engrg. Co.,
Inc.
Douglas Microwave Co., Inc.
Entron, Inc.
FXR, Inc.
General Radio Co.
B. F. Goodrich Sponge Prods.
Div.
Hewlett-Packard Co.
I-T-E Circuit Breaker Co.
E. F. Johnson Co.
M. C. Jones Electronics Co., Inc.
Kearfott Co. Inc.
Meridian Metalcraft, Inc.
Microwave Associates Inc.
Microwave Development Labs.,
Inc.
Narda Microwave Corp.
Radar Design Corp.
Reeves Instrument Corp.
W. H. Sanders (Electronics) Ltd.
Sierra Electronic Corp.
Telerad Mfg. Corp.
Tranco Products, Inc.
Waveline, Inc.

COUPLINGS—Microwave

Airtron Canada Ltd.
Collins Radio Co. of Canada
Ltd.
Ferranti-Packard Electric Ltd.
RCA Victor Co. Ltd.
Sinclair Radio Labs. Ltd.
Sperry Gyroscope Co.
Bogart Mfg. Corp.
Coaxial Connector Co., Inc.
Controls Electronics Co., Inc.
De Mornay Bonardi
Diamond Antenna Microwave
Corp.
Dielectric Prods. Engrg. Co.,
Inc.
Douglas Microwave Co., Inc.
FXR, Inc.
I-T-E Circuit Breaker Co.
Jensen Industries, Inc.
Kearfott Co., Inc.
Laboratory for Electronics, Inc.
Meridian Metalcraft, Inc.
Microwave Development Labs.,
Inc.
Narda Microwave Corp.
Prodelin, Inc.
Reeves Instrument Corp.
W. H. Sanders Ltd.
Technicraft Lab., Inc.
Telerad Mfg. Corp.
Waveline, Inc.

COUPLINGS, SHAFT

E. Reducers & F. Rigid & Extensions Flexible
Bach Simpson Ltd. F.
The Canadian Fairbanks-Morse
Co. Ltd. E-F.
Servomechanisms (Canada) Ltd.
E.
Amatom Electronic Hardware
Co., Inc. E.
Birnback Radio Co., Inc. E-F.
Breeze Corp., Inc. F.
British Insulated Callender's
Cables Ltd. F.
A. F. Bulgin & Co. Ltd. F.
Falcon Machine & Tool Co. F.
The Finney Co. E-F.
General Cement Mfg. Co. E.
Jackson Bros. London Ltd. E-F.

E. F. Johnson Co. F.
Kearfott Co. Inc. F.
Kuprian Mfg. Corp. F.
Litton Industries Compounds
Div. E-F.
Lord Mfg. Co.
National Co., Inc. E.
PIC Design Corp. E-F.
Reflectone Corp. E-F.
Stratton & Co. Ltd.
Waters Mfg., Inc. E-F.

CRYSTAL CARTRIDGES

Canadian Astatic Ltd.
Len Finkler & Co.
R. Mack & Co. Ltd.
Monarch Radio Mfg. Co.
Cosmocord, Ltd.
Electro Voice, Inc.
FXR, Inc.
Garrard Engrg. & Mfg. Co. Ltd.
B. F. Goodrich, Sponge Prods.
Div.
Japan Piezo Electric Co.
Microwave Associates, Inc.
Shane Bros., Inc.
Standard Crystal Co.
The Staver Co., Inc.
Webster Electric Co.

CRYSTAL MOUNTS AND MIXERS

Airtron Canada Ltd.
Quality Hermetics Ltd.
Raytheon Canada Ltd.
C. R. Snelgrove Co. Ltd.
Allied Industries, Inc.
American Electronic Labs., Inc.
Bogart Mfg. Corp.
Coaxial Connector Co. Inc.
Diamond Antenna & Microwave
Corp.
FXR, Inc.
B. F. Goodrich Sponge Prods.
Div.
Henry & Thomas Ltd.
Hewlett-Packard Co.
Meridian Metalcraft, Inc.
Microlab.
Microwave Associates, Inc.
Microwave Development Labs.,
Inc.
Narda Microwave Corp.
Nems Clarke, Inc.
Siemens Edison Swan Ltd.
Sierra Electronic Corp.
Standard Crystal Co.
Telerad Mfg. Corp.
Waldom Electronics, Inc.
Waveline, Inc.

CRYSTALS

1. Barium Titanate (for Transducers)	6. Raw Rochelle Salts, Transducer
2. Color TV Frequency Control	8. Sapphire, Synthetic
3. Crown, Germanium & Silicon, Unscut	10. Scintillation Counter
4. Quartz, Frequency Control	11. Tourmaline, Frequency Control
5. Quartz, Trans-	12. Unfinished

Cambridge Thermionic 4.
Canadian General Electric Co. 4.
Canadian Motorola Electronics Ltd. 4.
Canadian Sonic Co. 1-6.
Crown Limited 2-4-5.
Dominion Electrohome Industries Ltd. 10.
Electronic Associates Ltd. 10.
E.M.I.-Cossor Electronics Ltd. 2.
Engelhard Ind. of Canada Ltd. 4-5-6.
Ericsson Telephone Sales of Canada Ltd. 4.
Lenkurt Electric Co. of Canada Ltd. 4.
Linde Company 9.
Philips Electronics Industries Ltd. 10.
The Plessey Co. of Canada Ltd. 4.
RCA Victor Co. Ltd. 2.
Raytheon Canada Ltd. 3.
C. R. Snelgrove Co., Ltd. 2-4-5.
Spilsbury & Tindall Ltd. 4.
Standard Telephones & Cables Mfg. Co. (Canada) Ltd. 4.
Taylor Leslie Mining & Engrg. Corp. Ltd. 3.
Titania Electric Corp. of Canada Ltd. 1-4-5.
Acoustica Associates 1.
Anderson Labs., Inc. 4-5.
The Arnold Engrg. Co. 1.

Automatic Telephone & Electric Co. Ltd. 4.
Atomic Accessories, Inc. 10.
Baird-Atomic Inc. 10.
BJ Electronics, Borg-Warner Corp. 10.
Rex Bassett, Inc. 4.
Bliley Electric Co. 4.
Branson Instruments, Inc. 5.
Bulova Watch Co. 4.
Curtiss Wright Corp. 1-5.
Edo Corp. 1-5-7.
Endevco Corp. 1.
General Electric Co., Lamp Glass Dept. 6.
Gulton Industries 1.
Hughes Prods. Div., Hughes Aircraft Co. 4.
Japan Piezo Electric Co. 4.
Kistler Instruments Co., Inc. 5.
James Knights Co. 4.
Levinthal Electronic Prods. 10.
Metrix Instruments Ltd. 2.
Nash & Thompson Ltd. 10.
Narda Ultrasonics Corp. 1-5.
National Instrument Laboratories Inc. 11.
Nuclear Corp. of America, Instrument Div. 10.
Petersen Radio Co., Inc. 4.
Quartzkeramik GmbH. 4-5.
Radiation Counter Labs., Inc. 12.
Radio Corp. of America. 2.
Rank Cintel Instr. 10.
S. A. Rocher Electronique. 1-4.
Semi-Elements, Inc. 3-6-7-8-9-10-11-12.
Shane Bros., Inc. 7.
Solar Mfg. Corp. 1.
Sonotone Corp. 1.
Standard Crystal Co. 4.
Telechrome Mfg. Corp. 2.
Texas Crystals Div. 4.
Thermosen, Inc. 3.
J. Langham Thompson Ltd. 9.

D

DATA RECORDING EQUIPMENT

Bailey Meter Co. Ltd.
The Bristol Co. of Canada Ltd.
Canadian General Electric Co.
Computing Devices of Canada Ltd.
Electronic Associates Ltd.
E.M.I.-Cossor Electronics Ltd.
Ericsson Telephone Sales of Canada Ltd.
Fischer & Porter Canada Ltd.
Hackbusch Electronics Ltd. (Stromberg-Carlson)
International Business Machines Co. Ltd.
George Kelk Ltd.
Radio Communications Equipment & Engrg. Ltd.
Sharpe Instruments Ltd.
S. Smith & Sons (Canada) Ltd.
X-Ray & Radium Industries Ltd.
Allegany Instrument Co., Inc.
Amplex Corp.
Anlab Inc.
Automatic Telephone & Electric Co. Ltd.
Barnes Development Co.
Beckman Instruments, Inc., Berkeley Division
Beckman Instruments, Inc., Systems Div.
Bensen Leher Corp.
BJ Electronics, Borg-Warner Corp.
Century Electronics & Instruments Inc.
Ciorelli & Ciorelli
Coleman Engrg. Co. Inc.
Cubic Corp.
A/S Danbridge.
Electro-Instruments Inc.
Electronics Assoc. Inc.
Evershed & Vignoles Ltd.
General Radio Co.
Gulton Industries Inc.
Hewlett-Packard Co.
J. Langham Thomson Ltd.
Librascope, Inc.
Lintronic Ltd.
Metropolitan Vickers Electrical Co. Ltd.
Moore Associates Inc.
Nalder Bros. & Thompson Ltd.
Non-Linear Systems Inc.
Offner Electronics
Potter Instrument Inc.
Radiation, Inc.
Radio Corp. of America.
Sanborn Co.
S. A. Rocher Electronique
Southern Instruments Ltd.
Tally Register Corp.
Telectro Industries Corp.
Television Utilities Corp.
Texas Instruments Incorporated
Zeiss Aerotopograph GmbH.

DECADE BOXES

1. Capacitance	3. Resistance
2. Inductance	

Aerovox Canada Ltd. 1-2-3.
Bayly Engrg. Ltd. 3.
Canadian Research Institute. 1-3.
Daystrom Ltd. (Heath) 1-3.
Electronic Communications Ltd. 3.
Honeywell Controls Ltd. 3.
International Resistance Co. Ltd. 3.
Leeds & Northrup Canada Ltd. 1-3.
Muirhead Instruments Ltd. 1-2-3.
Polytronics Co. 3.
Renfrew Electric Co. Ltd.
Tecneek Associates 1-2-3.
Tinsley Instruments. 1-2-3.
Advance Components Ltd. 1.
British Physical Labs. 1.
Cambridge Instruments Co. Ltd. 1-2-3.
Cinema Engineering Div. of Aerovox Corp. 3.
Chadwick-Helmuth Co. 1-2-3.
ClaroStat Mfg. Co., Inc. 3.
Consolidated Resistance Co. of America 1-2-3.
Cornell-Dubilier Elec. Corp. 1-3.
A/S Danbridge. 1-2-3.
The Daven Co. 3.
Dawe Instruments Ltd. 1-2-3.
Electro-Measurement, Inc. 1-2-3.
Elektromesstechnik Wilhelm Franz 1-2-3.
Electronic Instrument Co. Inc. 1-3.
General Radio Co. 1-2-3.
P. Gossen & Co. GmbH. 1-3.
Hartmann & Braun A.G. 1-2-3.
Industrial Instruments Inc. 1-3.
Julie Research Labs. Inc. 3.
Measurements, a McGraw-Hill Division 3.
Metra Corp. 1-2-3.
Muirhead & Co. Ltd. 1-2-3.
W. G. Pye Co. Ltd. 1-2-3.
Rinco, Inc. (East) 3.
Servomex Controls Ltd. 1.
Shallcross Mfg. Co. 1-3.
Simmonds Aerocessories, Inc. 1-2-3.
Co. 1-2-3.
Taylor Electrical Instruments Ltd. 2-3.
Tech. Labs., Inc. 3.
United Transformer Corp. 2.
Venner Electronics Ltd. 3.
Winston Electronics Ltd. 1-3.

DELAY LINES

1. Color TV	5. Lumped—Constant
2. Digital	6. Fixed
3. Distributed—Constant	6. Lumped—Variable
4. Distributed—Fixed	7. Ultrasonic, Liquid or Solid
4. Distributed—Constant Variable	

Aircraft Marine Prods. of Canada Ltd. 3-4.
Bayly Engrg. Ltd. 5.
Cambridge Thermionic 5-6.
Canadian Sonic Co. 7.
E.M.I.-Cossor Electronics Ltd. 1.
Ferranti-Packard Electric Ltd. 2.
General Instrument—F. W. Sickles of Canada Ltd. 1-2-3-5.
Gomard Electronics Ltd. 5.
Helipot Div., Beckman Instruments, Inc. 3-4.
RCA Victor Co. Ltd. 1.
Renfrew Electric Co. Ltd. 1-3-5.
Transonic Ltd. 7.
X-Ray & Radium Industries Ltd. 7.
Acoustica Associates 7.
Advance Electronics Lab., Inc. 1-2-3-4-5-6.
Ad-Yu Electronics Lab., Inc. 5-6.
Anderson Labs., Inc. 7.
Bliley Electric Co. 3-7.
Burnell & Co. Inc. 3-5.
Carad Corp. 5.
Coil Winders, Inc. 5-6.
Columbia Technical Corp. 1-2-3-5.
Computer Control Co., Inc. 2.
Control Electronics Co. Inc. 1-2-3-4-5-6.
Corning Glass Works 7.
Allen B. Du Mont Labs., Inc. (Int. Div.), 1.
Filttron Co., Inc. 3-4-5-6.
General Radio Co.
Globe Industries, Inc. 3-4.
Gulton Industries, Inc. 3-5-6-7.
International Resistance Co. 3.
J. F. D. Electronics, Inc. 3-4-5-6.
Librascope, Inc. 2.
Litton Industries Compound Div. 3.

Ortho Filter Corp. 1-2-5.
Shallcross Mfg. Co. 1-3-5.
F. W. Sickles Div. General
Instrument Corp. 1-2-3-4-5-6.
Southern Instruments Ltd. 7.
Taylor Electrical Instruments
Ltd. 1.
Tel Instrument Electronics Corp.
1.
Telechrome Mfg. Corp. 1-3.
Torotel, Inc. 3-4-5.
United Transformer Corp. 5.
Valor Electronics, Inc. 5-6.
Workman TV Inc. 1.

DEMODULATORS

E. Electronic M. Magnetic

Airtron Canada Ltd. E.
Canadian General Electric Co.
Ltd. E.
Collins Radio Co. of Canada
Ltd. E.
Hackbusch Electronics Ltd. E.
Jerrold Electronics (Canada) Ltd.
E.
Lenkurt Electric Co. of Canada
Ltd. E.
Northern Radio Mfg. Co. Ltd. E.
RCA Victor Co. Ltd. E.
Sharpe Instruments Ltd. E.
TMC (Canada) Ltd. E.
Triad Instruments & Controls
Ltd. E.

Airpax Products Co. M.
Airtron Inc. E.
American Electronic Labs., Inc.
E.
Automatic Timing & Controls,
Inc. E.
Electro-Mechanical Research. E.
Entron Inc. E.
The General Electric Co. Ltd. E.
Industrial Control Co. E-M.
Northern Radio Co., Inc. E.
Rheem Mfg. Co. E-M.
Sanders Associates, Inc. E.
Schaevitz Engrg. M.
Solid State Electronics Co. E.
Stevens-Arnold, Inc. M.
Torotel, Inc. M.
Ultradyn Inc. E.
Varo Mfg. Co. E.

DETECTORS

1. Crystal
2. Explosive
3. Fire,
4. Flaw &
5. Flaw, Ultra-
6. Galena
7. Impedance
8. Leak
9. Metal,
10. Null
11. Null, rf
12. Null, vtrm
13. Smoke,
14. Standing
15. Vibration
16. Water Leak
Amalgamated Electric Corp. Ltd.
13.
Bailey Meter Co. Ltd. 13.
Barber-Colman of Canada Ltd. 3.
Canadian General Electric Co.
Ltd. E.E. & T.D. 8-13-15.
Canadian Marconi Co. 13-14.
Canadian Research Institute.
8-9-10-11-12-13-15-16.
Canadian Sonic Co. 5.
Canadian Westinghouse Co.
Ltd., Electronics Div.
9-10-13-15.
Dominion Electrohome Indus-
tries Ltd. 9-13-16.
Electronic Associates Ltd. 4-13.
Electronic Communications Ltd.
3-9.
Electronics Corp. of America
(Canada) Ltd. 3-13.
Eriasson Telephone Sales of
Canada Ltd. 3-13.
Fisher Research Lab. Ltd. 8-9-16.
Fisher Scientific Co. Ltd. 8.
Hackbusch Electronics Ltd. 1.
International Business Machines
Co., Ltd. 3.
George Kelk Ltd. 4-10.
Lenkurt Electric Co. of
Canada Ltd. 1.
Measurement Engrg. Ltd. 3-4-9-
13-15.
Philips Electronics Industries
Ltd. 15.
Polytronics Ltd. 13.
Powertron Equipment Ltd. 7.
Raytheon Canada Ltd. 2.
Sinclair Radio Labs. Ltd. 1-14.
Tecneek Associates 8.
TranSonic Ltd. 15.
Triad Instruments & Controls
Ltd. 10.
Vector Labs, Inc. 13.
The Wind Turbine Co. of
Canada Ltd. 14.
X-Ray & Radium Industries Ltd.
4-5.

Acromag, Inc. 10.
Acton Labs., Inc. 10-11.
American Electronic Lab., Inc.
1-10-12.
Atlantic Instruments, Inc. 1.
BJ Electronics, Borg-Warner
Corp. 14.
Bailey Meters & Controls Ltd. 13.
Baird-Atomic, Inc. 8-9-10-11-12-
15-16.
Ballantine Labs. Inc. 12.
Barnes Development Co. 10.
Beckman Instruments, Inc.,
Instruments Div. 8.
Boonton Electronics Corp. 10-11-
12.
Branson Instruments, Inc. 4-5.
A. S. Bruel & Kjaer. 15.
Cambridge Instrument Co. Ltd.
15.
Chadwick-Helmuth Co. 15.
Consolidated Electrodynamics
Corp., Rochester Div. 8.
Curtiss-Wright Corp. 5.
Dawe Instruments Ltd. 15.
Designers for Industry, Inc. 4.
Diamond Antenna & Microwave
Corp. 14.
Donner Scientific Co. 12.
Dunn Engineering Associates
Inc. 4.
Edo Corp. 1.
Electro-Measurement, Inc. 10.
Empire Devices Prods. Corp. 11.
Endevco Corp. 15.
Evans Electroscintum Ltd. 13.
FXR, Inc. 14.
M. Falk 4.
General Electric Co. (Lamp
Wire & Phosphors). 9.
General Radio Co. 1-5.
B. F. Goodrich, Sponge Prods.
Div. 1-7-14.
Gulton Industries, Inc. 5-15.
Hanovia Lamps. 4-8.
Hartmann & Braun A.G. 10-11.
Hewlett-Packard Co. 1-11-12-14.
Hoffman Electronics Corp.
Industrial Control Co. 10.
Industrial Test Equipment Co.
10-12.
Institut Dr. Forster. 4-9.
Iron Firearm Mfg. Co. 3.
Isotope Developments Ltd. 1.
Jerrold Electronics Corp. Ind.
Products Div. 7-14.
Kin-Tel. 12.
Kistler Instruments Co., Inc. 1-15.
Dr. B. Lange 13.
J. Langham Thompson Ltd. 15.
Legpa 4.
Eric Lindgren Associates Inc.
1-11-12-14.
M. B. Manufacturing Co. 15.
Meridian Metalcraft, Inc. 1.
Microlab. 1.
Microwave Associates, Inc.
1-7-14.
Millivac Instruments Div. of
of Cohu Electronics 10-11-12.
NRC Equipment Corp. 8.
Narda Microwave Corp. 1-14.
Nucleic Corp. of America,
Instruments Div. 5.
Owen Labs. Inc. 10.
Patterson, Moos Div. of Uni-
versal Winding Co., Ltd. 1-2-3.
Photocon Research Prods. 5.
Photovolt Corp. 13.
Fotter Instruments Inc. 4.
Precision Radiation Instruments.
9.
Radio Corp. of America. 9.
Ripley Co., Inc. 13.
Robertshaw-Fulton Controls Co.,
The Instrument Div. 15.
W. H. Sanders (Electronics) Ltd.
1.
Semi-Elements, Inc. 1.
Servomechanisms Inc., Sub-
systems Div. 3.
Shallcross Mfg. Co. 12.
Siemens & Halske A.G. 5-13.
Sierra Electronic Corp. 1.
Sylvania Electric Products, Inc.
1.
Taylor Electrical Instruments
Ltd. 1-13-16.
Tel Instrument Electronics Corp.
15.
Teletro Industries. 3.
Telonic Industries, Inc. 1-14.
Trio Labs Inc. 12.
Veeco Vacuum Corp. 8.
Viking Instruments, Inc. 4.
Waveline, Inc. 14.

DIALS—Instrument

Amalgamated Electric Corp. Ltd.
Aviation Electric Ltd.
Bach Simpson Ltd.
Barber-Colman of Canada Ltd.
Canadian Research Institute.
Croname (Canada) Ltd.
Dial & Instrument Finishers Ltd.
The Foxboro Co. Ltd.
Hathaway Kraemer Ltd.

Helipot Div., Beckman
Instruments, Inc.
London Wood & Plastics Ltd.
R. Mack & Co. Ltd.
Muirhead Instruments Ltd.
Oki & Willadsen Ltd.
Precision Dials Ltd.
Radelin Ltd.
Mrs. B. Whittaker
X-Ray & Radium Industries Ltd.

Allied Plastics Supply Corp.
Baird-Atomic, Inc.
The British Electric Resistance
Co.
A. F. Bulgin & Co. Ltd.
Circuit Instruments Inc.
Evershed & Vignoles Ltd.
General Radio Co.
Jackson Bros. (London) Ltd.
E. F. Johnson Co.
Kearfott Co. Inc.
Metallics Inc.
Metra Corp.
National Co. Inc.
PIC Design Corp.
Pace Electrical Instruments Co.
Painfnt & Co. Ltd.
Roller-Smith Instruments Inc.
Sifam Electrical Instrument Co.
Ltd.
Weldom Electronics Inc.

DIALS—Precision

Aviation Electric Ltd.
Barber-Colman of Canada Ltd.
Canadian Research Institute.
Dial and Instrument Finishers
Ltd.
Helipot Div., Beckman
Instruments, Inc.
Muirhead Instruments Ltd.
Oki & Willadsen Ltd.
Precision Dials Ltd.
Radelin Ltd.
Renfrew Electric Co. Ltd.
Mrs. B. Whittaker
X-Ray & Radium Industries Ltd.

Baird-Atomic, Inc.
Eddystone Co. Ltd.
General Radio Co.
Jackson Bros. (London) Ltd.
Metallics Inc.
National Co.
PIC Design Corp.
Sifam Electrical Instrument Co.
Ltd.
Wirepots Ltd.

DIODES—Microwave Mixer

Ericsson Telephone Sales of
Canada Ltd.
Raytheon Canada Ltd.
Rogers Electronic Tubes &
Components
Standard Telephones & Cables
Mfg. Co. (Canada) Ltd.
Bomac Labs Inc.
B. F. Goodrich, Sponge Prods.
Div.
International Rectifier Corp.
Kemtron Electron Prods. Inc.
Microwave Associates, Inc.
Nucleonic Prods. 1.
Sylvania Electric Products Inc.
Electronics Div.
Transitron Electronic Corp.
Westinghouse Electric Corp.,
Semi-conductor Div.

DIODES

1. Germanium 3. Silicon
2. Silicon Power
Canadian General Electric Co.
Ltd. 1-3-4.
Canadian Line Materials Ltd. 3.
Canadian Westinghouse Co. Ltd.
3.
General Instrument—F. W.
Sickles of Canada Ltd. 1-2-3.
Raytheon Canada Ltd. 1-2-3.
Renfrew Electric Co., Ltd. 1-3.
Rogers Electronic Tubes &
Components 1-2-3.
Standard Telephones & Cables
Mfg. Co. (Canada) Ltd. 1-2-3.
Taylor-Leslie Mining &
Engineering Corp. Ltd. 2-3.
Tecneek Associates 1.

Amperex Electronic Corp.
Automatic Mfg. Div., General
Instrument Corp. 3.
Bomac Labs. Inc. 2.
Bud Radio, Inc. 1-2-3.
CBS-Hytron, Div. of Columbia
Broadcasting System, Inc. 1-2.
Clevis Transistor Prods. 1-2-3.
Fanstel Metallurgical Corp.,
Rectifier-Capacitors Div. 3.
General Radio Co. 1.
General Transistor Corp. 1-2.
Hoffman Electronics Corp. 2-3.
B. F. Goodrich Sponge Prod.
Div. 2-3.

Hughes Aircraft Co. 1-2-3.
International Rectifier Corp.
1-2-3.
International Telephone &
Telegraph Corp. 2-3.
Kemtron Electron Prods., Inc.
1-2.
Microwave Associates, Inc. 2-3.
Motorola Inc., Semiconductor
Prods. Div. 2-3.
Ohmite Mfg. Co. 1.
Pacific Semiconductors Inc. 1-2.
Hilco Corp. 1.
Radio Receiver Co., Inc. 1-2-3-4.
Siemens & Halske A.G. 1-2.
Sylvania Electric Products Inc.,
Electronic Div. 1-2-3.
Texas Instruments Incorporated,
Semiconductor-Components
Div. 2.
Thermosen, Inc. 3.
Transitron Electronic Corp. 1-2-3.
U.S. Dynamics Inc. 2-3.
Westinghouse Electric Corp.,
Semi-conductor Div. 1-2-3.

DIVIDERS—Power

Raytheon Canada Ltd.
Carad Corp.
Diamond Antenna Microwave
Corp.
Douglas Microwave Co. Inc.
E. F. Johnson Co.
Microlab.

DIVIDERS—Voltage

Canadian Research Institute.
Helipot Div., Beckman
Instruments, Inc.
Polytronics Co.
Raytheon Canada Ltd.
A. F. Bulgin & Co. Ltd.
Croydon Precision Instrument Co.
A/S Danbridge.
Electro Measurement, Inc.
Hartmann & Braun A.G.
Julie Research Labs. Inc.
Microlab.
Painton & Co. Ltd.
Shallcross Mfg. Co.

DOSIMETERS

Dominion Electrohome Indus-
tries Ltd.
Philips Electronics Industries Ltd.
Baird-Atomic, Inc.
Bendix Aviation Corp.
BJ Electronics, Borg-Warner
Corp.
Dawe Instruments Ltd.
Electronic Instruments Ltd.
Etelco Ltd.
M. Falk
General Radiological Ltd.
Isotope Developments Ltd.
G. T. Meillon.
Nuclear Corp. of America,
Instruments Div.
Patterson, Moos Div. of
Universal Winding Co. Ltd.
Photovolt Corp.
Radiation Counter Labs., Inc.
Universal Atomics Corp.
Universal Transistor Products
Corp.
Victorson Instrument Co.
Westinghouse Electric Int. Corp.

DRIVES—Small Electric

Drive Mechanisms
The Canadian Fairbanks-Morse
Co. Ltd.
The Garrett Mfg. Corp. of
Canada Ltd.
Marsland Engrg. Co. Ltd.

Action Labs Inc.
Barber-Colman Co.
Breeze Corp. Inc.
Bristol Motor Div. Vocaline Co.
of America.
Diehl Mfg. Co.
Globe Industries Inc.
The A. W. Haydon Co.
National Co. Inc.
Norden Div., United Aircraft
Corp.
PIC Design Corp.
Reeves Instrument Corp.
Servomex Controls Ltd.
U. S. Gear Corp.
Vectrol Engrg., Inc.

DRYERS, ELECTRONIC—Dehydration & Drying

Philips Electronics Industries Ltd.
Beckman Instruments, Inc.,
Systems Div.
Conrad Inc.
Great Lakes Mfg. Co.
Kahn & Co.

DUPLEXERS—Microwave

- Airtron Canada Ltd.
- Andrews Antenna Corp. Ltd.
- Brown Boveri (Canada) Ltd.
- Canadian General Electric Co. Ltd.
- Collins Radio Co. of Canada Ltd.
- Decca Radar (Canada) Ltd.
- Lenkurt Electric Co. of Canada Ltd.
- Raytheon Canada Ltd.
- Research Industries Ltd.
- Sinclair Radio Labs. Ltd.

Automatic Metal Prod. Corp.
Bogart Mfg. Corp.
Budelman Electronics Corp.
Coaxial Connector Co. Inc.
Diamond Antenna & Microwave Corp.
Dielectric Prods. Engrg. Co., Ltd.
Douglas Microwave Co., Inc.
Electronic Specialty Co.
FXR, Inc.
The General Electric Co. Ltd.
B. F. Goodrich, Sponge Prods. Div.
Kearfott Co. Inc.
Meridian Metalcraft, Inc.
Microwave Associates Inc.
Microwave Development Labs., Inc.
Prodelin, Inc.
Tranco Prods., Inc.
Telerad Mfg. Corp.
Waveguide, Inc.
Waveline Inc.

DYNAMOMETERS

- Automatic Electric (Canada) Ltd.
- Beppo Canada Ltd.
- The Canadian Fairbanks-Morse Co. Ltd.
- Canadian General Electric Co. Ltd.
- Daystrom Ltd. (Weston)
- Philips Electronic Industries Ltd.
- Standard Electric Time of Canada Ltd.
- Tinsley Instruments (Canada) Ltd.
- Cambridge Instrument Co. Ltd. Electronic Co.
- Mess & Wiegtechnik GmbH.
- Radiation, Inc.
- Schaevitz Engrg.
- Sensitive Research Instrument Corp.

DYNAMOTORS

- The Canadian Fairbanks-Morse Co. Ltd.
- Electronic Materials Int'l Ltd.
- Spilsbury & Tindall Ltd.
- Barber-Colman Co.
- Carter Motor Co.
- Elcor, Inc.
- Electric Specialty Co.
- Electronic Specialty Co.
- Newton Bros. (Derby) Ltd.
- Sangamo Electric Co.

E

ELECTROCARDIOGRAPHS

- Electronic Associates Ltd.
- Raytheon Canada Ltd.
- Research Instrumentation Ltd.
- The Birtcher Corp.
- Cambridge Instrument Co. Ltd.
- Edin Company Inc.
- General Electric Co., X-Ray Dept.
- Godart-Mijnhardt
- Hathaway Instrument Co.
- Hughes Products Div., Hughes Aircraft Co.
- Sanborn Co.
- E. H. Sargent & Co.
- Siemens Edison Swan Ltd.

ELECTRODES—High Frequency

- Fisher Scientific Co., Ltd.
- Wappler Inc.

ELECTRO-ENCEPHALOGRAPHS

- Electronic Associates Ltd.
- Research Instrumentation Ltd.
- Edin Co., Inc.
- Hughes Prods. Div., Hughes Aircraft Co.
- Offner Electronics
- Siemens Edison Swan Ltd.

ELECTRO-MAGNETOMETERS

- Canadian Applied Research Ltd.
- Electronic Associates Ltd.
- George Kelk Ltd.
- The Plessey Co. of Canada Ltd.
- Sharpe Instruments Ltd.

Institut Dr. Forster

ELECTROMETERS

- Canadian Research Institute
- Tecneek Associates

A.E.G.
Cambridge Instrument Co., Ltd.
Curtiss Wright Corp.
Electronic Instruments Ltd.
General Radio Co.
P. Gossen & Co. GmbH.
Hartmann & Braun AG
Isotope Developments Ltd.
Keithley Instrument, Inc.
Victoreen Instrument Co.

ELECTRO-SURGICAL APPARATUS

- Canadian Research Institute
- Measurement Engrg. Ltd.

Atlas Werke A.G.
The Birtcher Corp.
Chirana Corp.
Daytron Corp.
Dunn Engineering Associates Inc.
General Electric Co., X-Ray Dept.
Hathaway Instrument Co.
Liebel Flarsheim Co.
Photovolt Corp.
Precision Radiation Instruments, Inc.
Telco
Wappler Inc.
The Waters Corp.
Winston Electronics Ltd.

EMBEDDED ASSEMBLIES

- Allied Circuit Techniques Ltd.
- Amphenol Canada Ltd.
- Electronic Craftsmen Ltd.
- Electronic Communications Ltd.
- Erie Resistor of Canada Ltd.
- Ferranti-Packard Electric Ltd.
- Osborne Electric Co. Ltd.
- Standard Television Prod. Ltd.
- United-Carr Fastener Co. of Canada Ltd.
- Vector Labs. Inc.

Aero Research Instrument Co., Inc.
Cinch Mfg. Co.
Dale Prods., Inc.
Electrofilm, Inc.
Electro Miniatures Corp.
Electronic Specialty Co.
Emerson & Cuming, Inc.
Instrument Development Labs., Inc.
Murphy Radio Ltd.
Teletro Ind. Corp.
Ucinite Co.
The Walkirt Co.

ESCUTCHEONS

- Amphenol Canada Ltd.
- Brown-Boveri (Canada) Ltd.
- Croname (Canada) Ltd.
- Hathaway-Kraemer Ltd.
- Oki & Willadsen Ltd.
- Osborne Electric Co. Ltd.
- Mrs. B. Whittaker
- Baird-Atomic, Inc.
- Croname, Inc.
- Dale Prods., Inc.
- Etelco Ltd.
- Fuze-On Prods.
- Jackson Bros. (London) Ltd.
- Jan Hardware Mfg. Co. Inc.
- Metallics, Inc.
- Rogan Bros.
- Waldom Electronics Inc.

F

FERRITES

- Aerovox Canada Ltd.
- Airtron Canada Ltd.
- Allen Bradley Canada Ltd.
- Collins Radio Co. of Canada Ltd.
- Ferranti-Packard Electric Ltd.
- LCR Mfg. Co. Ltd.
- Micarta Fabricators Ltd.
- The Plessey Co. of Canada Ltd.
- Raytheon Canada Ltd.
- Renfrew Electric Co. Ltd.
- Rogers Electronic Tubes & Components
- Sperry Gyroscope Co.
- D. M. Steward Mfg. Co.
- Airborne Instrument Lab., Inc.
- Airtron Inc.
- Automatic Mfg. Div., General Instrument Corp.
- Cascade Research Div.
- Crowley Div., Aerovox Corp.
- Crucible Steel Company of America
- Elna Ferrite Lab.
- Ferrotec, Inc.
- Kearfott Co. Inc.
- Litton Industries, Components Div.
- National Moldite Co.
- Siemens & Halske A.G.
- Sprague International Ltd.
- D. M. Steward Mfg. Co.
- Superex Electronics Corp.
- C. K. Williams & Co.

FILMS—Capacitor

- Aircraft Marine Prods. of Canada Ltd.
- Ericsson Telephone Sales of Canada Ltd.
- Micarta Fabricators Ltd.
- The Plessey Co. of Canada Ltd.
- Aerovox Corp.
- Radiation Counter Labs., Inc.
- Sprague International Ltd.
- Tobe Deutschmann Corp.

FILTERS

1. Antenna
 2. Band Elimination
 3. Band Pass
 4. Continuous Variable
 5. Crystal
 6. Detonation
 7. Electric Wave Section
 8. Equalizer
 9. High Pass
 10. Lighting (for Radio Towers)
 11. Low Pass
 12. Microwave
 13. Needle Scratch
 14. Radio Interference
 15. Radio Range
 16. Television
 17. uhf & vhf
 18. Variable Electronic
- Addison Industries Ltd. 1-9-11-13-14-16-17.
 - Aerovox Canada Ltd. 14-16.
 - Airtron Canada Ltd. 1-2-3-9-11-12.
 - Allen Bradley Canada Ltd. 11-17.
 - Amphenol Canada Ltd. 1-3-9-11-16-17.
 - Andrew Antenna Corp. Ltd. 1-10-12.
 - Arrow Radio Co. 2-3-9-11-14.
 - Bayly Engrg. Ltd. 2-3-7-8-9-11.
 - Benco Television Associates Ltd. 1-3-16.
 - Brown Boveri (Canada) Ltd. 1-2-3-9-11-12-16.
 - Cambridge Thermionic 2-3-9-11.
 - Canadian General Electric Co. Ltd., E.E. & T.D. 2-5-11-16.
 - Cdn. Marconi Co., Radio Relay Div. 1-2-3-8-9-11-12-17.
 - Collins Radio Co. of Canada Ltd. 1-2-3-9-11-17.
 - Douglas Randall (Canada) Ltd. 2-3-9-11-14.
 - E.M.I.-Cossor Electronics Ltd. 3-14.
 - Eclipse Electronics Co. 14.
 - Electronic Communications Ltd. 2-3-8-9-11-13-14-18.
 - Electronic Research & Development Co. Ltd. 1-3-17.
 - Ericsson Telephone Sales of Canada Ltd. 3-9-11.
 - Ferranti-Packard Electric Ltd. 12.
 - The Garrett Mfg. Corp. of Canada Ltd. 14.
 - General Instrument—F. W. Sickles of Canada Ltd. 3.
 - Hackbusch Electronics Ltd. (Stromberg-Carlson) 2-3-5-8-9-11.
 - Hammond Mfg. Co. Ltd. 11.
 - Jerrold Electronics (Canada) Ltd. 1-3-16-17.
 - Lenkurt Electric Co. of Canada, Ltd. 2-3-5-7-8-9-11-12.
 - Lucas-Rotax Ltd. 14.
 - R. Mack & Co. Ltd. 11.
 - Micarta Fabricators Ltd. 14.
 - Northern Radio Mfg. Co. Ltd. 2-3-7-9-11.
 - Osborne Electric Co. Ltd. 2-3-11.
 - The Plessey Co. of Canada Ltd. 14-16-17.
 - Powertronic Equipment Ltd. 11.
 - Pye Canada Ltd., TV Trans. Div. 9-11.
 - RCA Victor Co. Ltd. 1-2-3-8-9-10-11-12-14-15-16-17-18.
 - Radio Communication Equipment & Engrg. Ltd. 2-14.
 - Research Industries Ltd. 1-2-3-8-9-11-12.
 - Rogers Electronic Tubes & Components 2-3-9-11.
 - Sinclair Radio Labs., Ltd. 1-2-3-4-9-10-11-12-14-17.

- C. R. Snelgrove Co. Ltd. 2-3-5-9-11-17.
- Standard Television Prod. Ltd. 1-2-3-10-16.
- Stanwyk Coil Prods. 2-3-8-9-11-16.
- Tele-Radio Systems Ltd. 8-17.
- Telephone Mfg. Co. Ltd. 2-3-7-8-9-11.
- TMC (Canada) Ltd. 1-2-3-5-8-9-11.
- F. V. Topping Electronics Ltd. 1-2-3-9-11.
- Transonic Ltd. 5.
- Triad Instruments & Controls Ltd. 3-9-11.
- Valeriot Electronics (Guelph) Ltd. 1-11.
- Watkins Electronics Ltd. 3-16-17.
- The Wind Turbine Co. of Canada Ltd. 1-9-10-11.

Advance Components Ltd. 1-2-3-4-5-6-7-8.

Aerialite Ltd. 14-16.

Aerovox Corp. 14-16.

Aladdin Electronics, Inc. 2-3-8-9-11.

- Alford Mfg. Co. 11.
- Allison Labs. 2-3.
- Alto Scientific Co., Inc. 2-3-9-11.
- American Electronic Labs., Inc. 1-2-3-4-9-11-12.
- American Electronics Co. 2-3-9-11-14-16.
- Anderson Labs., Inc. 3.
- Applied Research, Inc. 2-12-17.
- Automatic Metal Prod., Corp. 3-9-11-17.
- Balco Research Labs. 1-2-3.
- Rex Bassett, Inc. 14.
- Belling & Lee Ltd. 3-14.
- Bliley Electric Co. 5.
- Blonder-Tongue Labs. Co. 1-8-17.
- Bogart Mfg. Corp. 2-3-9-11.
- Bomac Labs., Inc. 12.
- A/S Bruel & Kjaer. 3-4-7-18.
- Bud Radio Inc. 9-11.
- Budelman Electronics Corp. 2-3-9-11-12-17.
- Bulova Watch Co. Electronics Div. 2-3-5-9-11.
- Burnell & Co., Inc. 2-3-5-8-9-11-12-14-15.
- Carad Corp. 2-3-9-11.
- Cinema Engrg. Div. of Aerovox Corp. 2-3-8-9-11.
- Controls Electronics Co., Inc. 17.
- Cornell-Dubilier Elec. Corp. 14-16-17.
- The Daven Co. 3-12.
- Diamond Antenna Microwave Corp. 1-2-3-4-5-9-11-12.
- Dielectric Prods. Engrg. Co., Inc. 1-2-3-9-11-16-17.
- Douglas Microwave Co., Inc. 11-12.
- Donner Scientific Co. 3.
- Electrodyn Corp. 3-8.
- Electronic Research Associates 2-11.
- Electronics Measurements Corp. 1-3-9-14-16.
- Electronic Specialty Co. 1-2-3-9-11-12-17.
- Entron, Inc. 1-2-3-4-8-9-16-17.
- FXR, Inc. 12.
- Federal Electronic Sales 3-14.
- Filtron Co., Inc. 2-3-9-11-12-14-17.
- The Finney Co. 9-11.
- Frequency Standards Ltd. 1-2-3-11-12.
- The General Electric Co. Ltd. 2-5-11-12.
- General Radio Co. 3-9-11.
- B. F. Goodrich-Sponge Prods. Div. 2-3-9-11-12.
- Grundig Radio Werke. 16.
- Gulton Ind. 3-9-11.
- Hammarlund Mfg. Co., Inc. 2-3.
- Heldor Mfg. Co., Inc. 1.
- Hermetic Seal Transformer Co. 2-3-7-9-11.
- Hewlett-Packard Co. 11-12.
- Hughes Aircraft Co. 2-3-5-8-9-11-17-18.
- Hughey & Phillips 18.
- I.D.E.A., Inc. 9.
- Industrial Transformer Corp. 3-9-11.
- International Research & Development Corp. 3-4.
- E. F. Johnson Co. 11.
- Kearfott Co., Inc. 12.
- Kelvin Electric Co. 4-7-8-14-18.
- D. S. Kennedy & Co. 1-2-3-9-11-12.
- Keystone Prods. Co. 3.
- James Knights Co. 1-2-3-5-9.
- Krohn-hite Export Corp. 3-4-9-11-18.
- Litton Industries, Components Div. 1-2-3-9-11-12.
- Maury & Associates 1-2-3-9-11-12-17.
- McMillan Industrial Corp. 12-14-17.

Meridian Metalcraft Inc.
1-2-3-9-11-12.
Microlab.
1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17.
Microwave Associates, Inc.
2-3-9-11-12.
Microwave Development Labs., Inc. 12.
J. W. Miller Co.
1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18.
R. W. Neill Co., Inc. 2-3-8-9-11.
Nems Clarke, Inc. 1.
North Electric Co. 9-11.
Northern Radio Co., Inc. 2-3-7-9-11.
Onondaga Pottery Co., Electronics Div. 2-3-8-9-11-13.
Opad Electric Co. 9-11.
Ortho Filter Corp.
1-2-3-5-7-8-9-11-14-15-17.
Penn-East Engrg. Corp. 12-14-15-18.
Polyphase Instrument Co.
2-3-7-9-11-17.
Prodelin, Inc. 1-3-16-17.
Quarzkemik GmbH. 3-5.
Radar Design Corp. 3-11-12.
Radio Frequency Labs.
2-3-7-9-11.
Rohde & Schwarz 1-2-3-9-11-18.
San Fernando Electric Mfg. 2-3-9-11.
F. W. Sickles Div. General Instrument Corp. 2-3-9-11.
■ Siemens & Halske A.G. 2-3-8-9-11.
Sierra Electronic Corp. 11-17.
Southwestern Industrial Electronics Co. 3-9-11.
Sprague International Ltd. 14.
Standard Crystal Co. 5.
Steatit-Magnesia A.G. 9-11-17.
Stratton & Co. Ltd. 14.
Superex Electronics Corp.
1-9-11-14-16.
■ Technicraft Lab., Inc. 12.
Telechrome Mfg. Corp.
8-9-11-16.
Teletro Industries Corp. 14.
Telefunken GmbH. 3-8.
Telerad Mfg. Corp. 12.
Telonic Industries, Inc. 3-9-11.
Thordarson Meissner 16.
Torotek Inc. 2-3-9-11.
Torotor A/S. 1-9-11.
Transco Prods., Inc. 1-2-3-5-12.
Transistor Devices, Inc. 18.
Triad Transformer. 3-11.
United Transformer Corp. 2-3-8-9-11-12-14.
Varo Mfg. Co., Inc. 2-3-9-11.
Vidaire Electronics Mfg. Corp.
9-16.
Wandel & Goltermann 3-9-11.
Waveline, Inc. 12.
White Instrument Labs.
2-3-7-9-11.

FLANGES—Microwave

Airtro Canada Ltd.
■ Andrew Antenna Corp. Ltd.
Collins Radio Co. of Canada Ltd.
■ Sinclair Radio Labs., Ltd.
CWS Waveguide Corp.
De Mornay Bonardi
Diamond Antenna Microwave Corp.
Dielectric Prods. Engrg. Co., Inc.
FXR, Inc.
I-T-E Circuit Breaker Co.
Meridian Metalcraft, Inc.
Narda Microwave Corp.
■ Technicraft Lab., Inc.
Telerad Mfg. Co.
United Aircraft Prods., Inc.
Waveline, Inc.

FLUXMETERS

Bayly Engrg. Ltd.
■ Canadian Research Institute
Daystrom Ltd. (Weston)
Tecneek Associates
Cambridge Instruments Co., Ltd.
Dyna-Empire, Inc.
Hartmann & Braun A.G.
Sensitive Research Instrument Corp.
Radio Frequency Labs.
W. G. Pye Co. Ltd.

FORKS—Tuning, Electrically Driven

The Garrett Mfg. Corp. of Canada Ltd.
Tinsley Instruments (Canada) Ltd.
S. G. Brown Ltd.
Cambridge Instrument Co., Ltd.
Dr. Ing. Rudolf Hell.
Metra Corp.

■ Muirhead & Co. Ltd.
Teletro Industries Corp.
Varo Mfg. Co.

FORMS

1. Antenna 3. Resistor
2. Coil
Amphenol Canada Ltd. 2.
National Fibre Co. of Canada Ltd. 2.
Neosid (Canada) Ltd. 2-3.
Oki & Willadsen Ltd. 2.
Osborne Electric Co. Ltd. 1.
Panelyte Div., St. Regis Paper Co. 2.
The Plessey Co. of Canada Ltd. 1-2-3.
Spaulding Fibre Co. of Canada Ltd. 2.
Standard Television Prod. Ltd. 2.
Delevan Electronics Corp. 2.
Eddystone Co. Ltd. 1-2.
Litton Industries, Inc. 2.
National Moldite Co. 2.
Peerless Prods. Industries. 2.
Permonite Mfg. Co. 2.
Saxton Products Inc. 1-2.
Steatit-Magnesia A. G. 3.
D. M. Steward Mfg. Co. 2.
Superex Electronics Corp. 2.
Torotor A/S. 2.
■ Waters Mfg. Inc. 2.

FUSES

Bepco Canada Ltd.
■ Canadian General Electric Co. Ltd.
Dominion Auto Accessories Ltd.
Electrical Mfg. Co.
Electronic Components Ltd.
Great Lakes Electrical Specialties Ltd.
■ Hackbusch Electronics Ltd.
Lenkurt Electric Co. of Canada Ltd.
Smith & Stone Ltd.
Belling & Lee Ltd.
A. F. Bulgin & Co. Ltd.
Bussman Mfg., Div., McGraw Edison Co.
Eagle Electric Mfg. Co., Inc.
Fuse Indicator Corp.
■ Hughes Products Div., Hughes Aircraft Co.
Littelfuse, Inc.
Penn-East Engrg. Corp.
Phoenix Telephone & Electric Works
■ Siemens Edison Swan Ltd.
Switchgear & Equipment Ltd.
Teletro Ind. Corp.
Trico Fuse Mfg. Co.

G

GALVANOMETERS

Aviation Electric Ltd.
■ Bach Simpson Ltd.
■ Barber-Colman of Canada Ltd.
The Canadian Fairbanks-Morse Co. Ltd.
■ Canadian Research Institute.
Daystrom Ltd. (Weston)
Fisher Scientific Co. Ltd.
Honeywell Controls Ltd.
Leeds & Northrup Canada Ltd.
Polytronic Co.
Tecneek Associates
Thermovolt Instrument Ltd.
■ Tinsley Instruments.
Brush Instruments, Div. of Clevite Corp.
Cambridge Instrument Co. Ltd.
Century Electronics & Instruments, Inc.
Dawe Instruments Ltd.
Daytron Corp.
Eckel Valve Co.
Edin Co., Inc.
P. Gossen & Co. GmbH.
Hartmann & Braun A.G.
Hewlett-Packard Co.
International Instruments, Inc.
J B T Instruments Inc.
I/S Jensen Electric.
Kin-Tel.
Dr. B. Lange.
Metra Corp.
Millivac Instr. Div. of Cohu Elec.
Pitron Instrument Co.
W. G. Pye Co. Ltd.
Radiometer.
Roller-Smith Instruments, Inc.
Ruhstrahl
■ Sanborn Co.
Savage & Parsons Ltd.
Sensitive Research Instrument Corp.
Shallicross Mfg. Co.
Sifam Electrical Instrument Co. Ltd.

Triplett Electrical Instrument Co.
Ernest Turner Electrical Instruments Ltd.

GASES—Nitrogen & Rare

Canadian Liquid Air Co.
Fisher Scientific Co. Ltd.
Linde Air Products Co., Div. of Union Carbide Canada Ltd.

GAUGES

1. Beta 9. Pirani
2. Comparator 10. Pressure, Electronic
3. Dimension, Photo-electric Electronic
4. Displacement 12. Spring Tension
5. Fuel Indicator, Electronic
6. Gamma 13. Thickness, Electronic
7. Inspection, Electronic
8. Ionization 14. Thickness, Ultrasonic
15. Thickness, Vacuum
Amalgamated Electric Corp. Ltd. 1.
Aviation Electric Ltd. 5-10-16.
The Bristol Co. of Canada Ltd. 10-13-16.
Canadian Curtiss-Wright Ltd. 1-8-14.
Canadian Fairbanks-Morse Co. Ltd. 7-13-14-16.
■ Canadian General Electric Co. Ltd. 7.
■ Canadian Research Institute 1-6-7.
Canadian Sonic Co. 15.
■ Canadian Westinghouse Co. Ltd., Electronics Div. 3-4-7.
Davis Automatic Controls Ltd. 10-16.
Daystrom Ltd. 3-14.
Dial & Instrument Finishers Ltd. 1-6.
Dominion Electrohome Industries Ltd. 1-8-10-11-12-13-14-15-16.
Edwards High Vacuum Canada Ltd. 8-9-16.
Electronic Associates Ltd. 1-2-3-4-6-7-8-9-14.
Ericsson Telephone Sales of Canada Ltd. 12.
Ferranti-Packard Electric Ltd. 1-4-6.
Fischer & Porter Canada Ltd. 16.
Fisher Scientific Co. Ltd. 9-16.
The Foxboro Co. Ltd. 1-10-14.
Honeywell Controls Ltd. 10-14-16.
■ Measurement Engrg. Ltd. 2-3-4-7-8-10-14.
■ Philips Electronics Industries Ltd. 4-8-10-13-16.
S. Smith & Sons (Canada) Ltd. 5-13-15-16.
Tecneek Associates 14.
Thermovolt Instruments Ltd. 10-16.
Tinsley Instruments Canada Ltd. 13.
Transonic Ltd. 15.
Vector Labs, Inc. 3-7.
Acoustica Associates, Inc. 5-15.
Allegany Instr. Co., Inc. 10.
Anton Electronics 8.
Atlantic Research Corp. 10.
Automatic Timing & Controls, Inc. 4.
Avien Inc. 5.
BJ Electronics Borg-Warner Corp. 10.
Baird-Atomic, Inc. 7.
Bourne Labs., Inc. 10.
Branson Instruments, Inc. 15.
Bruehl & Kjaer 4-7-13.
Bytrex Corp. 13.
Cambridge Instrument Co. Ltd. 16.
Columbia Research Lab. 13.
Consolidated Electrodynamics Corp. Rochester Div. 8-9-16.
Dawe Instruments Ltd. 4-7-14-15.
Daytron Corp. 4.
W. C. Dillon & Co. 12.
Dunn Eng. Associates, Inc. 8.
Dynamic Instrument Co., Inc. 10.
Edwards High Vacuum Ltd. 8-9.
Eitel-McCullough, Inc. 16.
Electronic Instruments Ltd. 8.
Endevco Corp. 10.
Engineered Electronics Co. 1-2-3-4-6-7-8-9-15.
Evershed & Vignoles Ltd. 4-10.
Fairchild Controls Corp. 10.
M. Falk 15.
General Electric Co., X-Ray Dept. 14.
Gulton Industries, Inc. 10-13-15.
Haenni & Co. A.G. 11-16.
Hartmann & Braun A.G. 13.
Industrial Control Corp. 13.
Instron Engrg. Corp. 13.
Institut Dr. Forster 14.

Isotope Developments Ltd. 1-6-8-14.
Kearfoot Co., Inc. 10.
Metra Corp. 3-7-8-15.
Metronix 10.
Metropolitan Vickers Electrical Co. Ltd. 7-16.
Micro-Test, Inc. 13.
Nash & Thompson Ltd. 14.
NRC Equipment Corp. 7-8-16.
P. K. Neuses, Inc. 12.
Norden Div., United Aircraft Corp. 10.
Nuclear Corp. of America 1-6-8-14-15.
Photocon Research Prods. 10-14-15.
Photovolt Corp. 8.
Precision Radiation Instruments, Inc. 1-6.
W. G. Pye Co. Ltd. 9.
1-6.
Radiation Counter Labs., Inc. 1-6.
Rahm Instr. Div., Amer. Machine Metals 10.
Revera Corp. of America 5-10-13.
The Robertshaw-Fulton Controls Co.
Ruhstrahl 10-16.
Savage & Parsons Ltd. 12.
Schaeffert Engrg. 4.
H. H. Scott, Inc. 6.
Sheffield Corp. 7-14.
■ Siemens Electronic Corp. 7.
Simmonds Aerocessories, Inc. 2-4-5.
Southern Instruments Ltd. 2-4-10.
Statham Labs., Inc. 13.
Telco 16.
J. Langham Thompson Ltd. 4-10-13.
U. S. Gauge Div. of Amer. Mach. Metals 16.
Universal Atomics Corp. 1.
Veeco Vacuum Corp. 8-9-10-16.
■ Waters Mfg., Inc. 11-12.
Waugh Engrg. Co. 5.
W. M. Welch Mfg. Co. 16.

GEARS—Precision

Aviation Electric Ltd.
Beaconing Optical & Precision Matl. Co. Ltd.
Canadian Applied Research Ltd.
Computing Devices of Canada Ltd.
Helipot Div., Beckman Instr., Inc.
Douglas Randall Canada Ltd.
Servomechanisms Canada Ltd.
Spaulding Fibre Co. of Canada Ltd.
Sperry Gyroscope Co.
Thermovolt Instrument Ltd.
Beaver Gear Works, Inc.
Bowmar Instrument Corp.
S. G. Brown Ltd.
Dynamic Gear Co., Inc.
General Radio Co.
■ Jackson Bros. (London) Ltd.
Librascope, Inc.
Mechatrol Div. Servomechanisms, Inc.
Morton Mfg. Co.
PIC Design Corp.
Precision Mechanisms Corp.
U. S. Gear Corp.
Vactric (Control Equipment) Ltd.

GENERATORS ELECTRONIC

1. am-fm 12. Signal, Sweeping
2. Harmonic Frequency 13. Signal, TV
3. Microwave Synchronizing
4. Noise 14. Signal, uhf or vhf
5. Picture Signal 15. Square Wave
6. Pulse 16. Ultrasonic
7. Signal, af 17. Variable Frequency
8. Signal, fm 18. Wave form
9. Signal, rf
10. Signal, uhf
11. Signal, ssb
Addison Industries Ltd. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18.
■ Bach Simpson Ltd. 13.
Beaconing Optical & Precision Matl. Co. Ltd. 3.
Canadian Sonic Co. 16.
■ Canadian General Electric Co. Ltd. E.E. & T. D. 6-12.
Canadian Marconi Co., Comm. Prods. Div. 1-3-4-6-7-8-9-10-12-14-15-17.
Canadian Motorola Electronics Ltd. 8.
■ Canadian Research Institute 7-9-15-16-17.
Collins Radio Co. of Canada Ltd. 1-3-4.
Daystrom Ltd. (Heath) 7-9-12-15-17.

- E.M.I.-Cossor Electronics Ltd. 15-16.
- Edo (Canada) Limited 6-7-8-9-18. Electronic Communications Ltd. 7-16-17.
- Ferranti-Packard Electric Ltd. 3-4-6-15-17-18.
- Fisher Research Lab., Ltd. 7-17.
- Jerrold Electronics (Canada) Ltd. 12.
- Lenkurt Electric Co. of Canada Ltd. 2-7.
- Measurement Engrg. Ltd. 7-17.
- Muirhead Instruments Ltd. 17-18.
- Northern Radio Mfg. Co. Ltd. 15.
- Philips Electronics Industries Ltd. 1-6-7-8-9-15.
- RCA Victor Co. Ltd. 3-7-8-9-10-11-12-13-14-15-16-17.
- Radio Communications Eqpt. & Engrg. Ltd. 1-5-7-8-9-18.
- Sperry Gyroscopic Co. 3.
- Standard Telephones & Cables Mfg. 4-7-8-9-10-11-16.
- Stark Electronic Instruments Inc. 1-3-4-9-12-13-14-15-17.
- Tecneek Associates 8-13.
- TMC (Canada) Ltd. 2-4-7-9-11-17.
- F. V. Topping Electronics Ltd. 2-17.
- TranSonic Ltd. 16.
- Acoustica Associates. 16.
- Adler Electronics Inc. 7-9.
- Advance Components Ltd. 1-7-8-9-10-11-14-15-16-17.
- Advance Electronics Lab. Inc. 1-7-9-12-14-17.
- Ad-Yu Electronics Lab. Inc. 6-18.
- Airborne Instrument Lab., Inc. 4.
- American Electronic Labs., Inc. 15.
- Audio Instrument Co. Inc. 1.
- Avo Ltd. 7-8-9-14.
- BJ Electronics 3-6-8-9-10-12-14.
- B & K Mfg. Co. 5.
- Baird Atomic, Inc. 7-9-15-16-17.
- Beckman Instr., Inc., Berkeley Div. 6-18.
- Behlman Engrg. Co. 7-17.
- Bogart Mfg. Corp. 3.
- Bomac Labs., Inc. 3.
- Boonton Radio Corp. 1-9-12.
- Branson Instr., Inc. 16.
- British Physical Labs. 7-15.
- A/S Bruel & Kjaer. 7-12-15-17.
- Burr Brown Corp. 15.
- Burroughs Corp. 6.
- Carrier Motor Co. 17.
- Chadwick-Helmuth Co. 12.
- Clough-Brengle Co. 9-12.
- Communication Measurements Lab., Inc. 17.
- Control Electronics Co. Inc. 6.
- Crosby Labs., Inc. 11.
- Cubic Corp. 6-18.
- Curtiss-Wright Corp. 16.
- A/S Danbridge. 9-15-18.
- Dawe Instruments Ltd. 4-15.
- Diamond Antenna & Microwave Corp. 2-3.
- Divco Wayne Electronics 6-9-10.
- Donner Scientific Co. 7-15-18.
- Allen B. Du Muc. Inc. 6.
- Electronic Measurements Corp. 1-7-8-9-12-14-15-17.
- Electronic Tube Corp. 15-18.
- Empire Devices Prods. Corp. 3-4-6-9-10-17.
- FXR, Inc. 2-3-6.
- M. Falk. 6-17.
- Fleming Radio Developments 6.
- General Communications Co. 3-6-8-9-10.
- The General Electric Co. Ltd. 6-12.
- General Radio Co. 3.
- General Radiological Ltd. 18.
- General Ultrasonics Co. 16.
- B. F. Goodrich, Sponge Prods. Div. 3.
- Gulton Industries, Inc. 16-17.
- Hewlett-Packard Co. 2-3-4-6-9-10-12-14-15-16-17-18.
- Hickock Electrical Instrument Co. 1-4-8-9-14-15.
- Ideal Precision Meter Co., Inc. 7-9-15.
- Industrial Test Equipment Co. 7-16-17.
- Jackson Electrical Instr. Co. 13.
- E. F. Johnson Co. 11.
- Kasama Co. Ltd. 6.
- Key Electric Co. 2-12-13-17.
- Kearfott Co. Inc. 14-15.
- Wayne Kerr Labs. Ltd. 1-7-9-17.
- Kollman Instrument Corp. 3.
- Krohn-Hite Export Corp. 1-7-15-18.
- Laboratory for Electronics, Inc. 3-6-8-9-10.
- Lampkin Labs., Inc. 2-17.
- Lavoie Labs., Inc. 3-6-8-9-12-14.

- Leach Corp. 17.
- Leynthal Electronic Prods., Inc. 3-6-8-9-10.
- Lintronic Ltd. 6.
- Manson Labs. Inc. 2-3-6-9-14.
- Measurements, A McGraw Edison Div. 5-6-8-9-15.
- Menlo Park Engrg. 12.
- Metra Corp. 5.
- Microlab. 2.
- Microwave Associates, Inc. 1.
- Multitone Electric Co. Ltd. 7.
- Murphy Radio Ltd. 4.
- Nagard Ltd. 6.
- Narda Microwave Corp. 2-4-5-8-17.
- Narda Ultrasonic Corp. 16.
- National Co. Inc. 1-2-4-7-8-9-10-11-12.
- New London Instrument Co. 1-4-6-7-8-9-13-14-15-17.
- John Oster Mfg. Co. 3.
- Penn-East Engineering Corp. 4-8-9-15-18.
- Polarad Electronics Corp. 3-6.
- Potter Instr., Inc. 7-15.
- Precision Apparatus Co. Inc. 1-5-6-7-8-9-10-11-12-13-14-15-16-17-18.
- Radio Corp. of America. 3-13.
- Radio Engrs. Labs. Inc. 11.
- Radio Frequency Labs., Inc. 17.
- Radio Heaters Ltd. 10.
- Radiometer. 1-4-7-8-9-14.
- RCA Victor Co. Ltd. 7.
- Ribet Desjardins 1-6-15.
- S. A. Rocher Electronique 2-6-7-9-15-16.
- Rohde & Schwarz 1-4-8-9-12-14-15-17-18.
- W. H. Sanders (Electronics) Ltd. 3-10-11-12.
- Savage & Parsons Ltd. 18.
- H. H. Scott Inc. 4.
- Schomandl K. G. 2-3-4.
- Servomex Controls Ltd. 15-17-18.
- Siemens & Halske A.G. 7.
- Southwestern Industrial Electronic Co. 7-9.
- Strand Labs., Inc. 3-11-18.
- Taylor Electrical Instruments Co. 1-7-8-9-17.
- Tektronix Inc. 15-17-18.
- Telerad Mfg. Corp. 3-9-10.
- Television Utilities Corp. 5-6-13.
- Tel Instrument Electronic Corp. 1-5-8-9-12-13-14-17.
- Telechrome Mfg. Corp. 4-5-6-13-18.
- Teletronic Lab. Inc. 6.
- Telonic Industries, Inc. 2-6-7-8-9-10-12-14-17-18.
- Trad Electronics Corp. 9-14.
- Triplett Electrical Instrument Co. 1-12-14.
- Ultra-Violet Prods. Inc. 6-15.
- Van Norman Industries Inc. Electronics Div. 3-10-11-12-14.
- Varo Mfg. Co. 15.
- Walkirt Co. 6-15-18.
- Waltham Electronics Corp. 1-7-8-9-17.
- Wandel & Goltermann 1-2-4-6-7-8-9-14-15-17-18.
- Wappler, Inc. 6-7.
- Winston Electronics Ltd. 7-15.

GENERATORS

1. Engine driven	3. Motor driven
2. Hand driven	4. Wind driven

Amalgamated Electric Corp. Ltd. 1-3.

- Atlas Polar Co. Ltd. 1.
- Automatic Electric (Canada) Ltd. 1-3.
- Aviation Electric Ltd. 1-3.
- Brown Boveri (Canada) Ltd. 3.
- The Canadian Fairbanks-Morse Co. Ltd. 1-3.
- Canadian General Electric Co. Ltd. 3.
- Canadian Lister Blackstone Ltd. 1.
- Canadian Westinghouse Co. Ltd. 1.
- Canadian Westinghouse Co. Ltd. Electronics Div. 3.
- Consolidated Diesel Electric Corp. 1-3.
- E.C.C. Canada Ltd. 1-3.
- The Garrett Mfg. Corp. of Canada Ltd. 1-4.
- Hackbusch Electronics Ltd. (Stromberg-Carlson) 2.
- Ind. Electronics Div., C. C. Meredith 1-3.
- Leland Electric Canada Ltd. 3.
- Lucas-Rotax Ltd. 1-2-3-4.
- Mechron Engrg. Prods. Ltd. 1.
- Muirhead Instruments Ltd. 3.
- The Plessey Co. of Canada Ltd. 1.
- Powertronic Equipment Ltd. 1-3.
- Sinclair Radio Labs. Ltd. 3.

Wind Turbine Co. of Canada Ltd. 4.

- Diehl Mfg. Co. 3.
- The Electric Construction Co. 1-3.
- Electro-Dynamic Construction Co. 1-3.
- Etelco Ltd. 2.
- Globe Industries, Inc. 3.
- Jack & Heintz, Inc. 1-3.
- Kato Engrg. Co. 1.
- Kato Light Corp. 3.
- Leach Corp. 1-3.
- Lintronic Ltd. 2.
- Mechatrol Div., Servo-mechanisms, Inc. 3.
- Motor Generator Corp. 1-3.
- Newton Bros. (Derby) Lts. 1-2-3.
- Pelopou Engines Ltd. 1-3.
- Penn-East Engrg. Corp. 3.
- Radio Heaters Ltd. 3.
- Siemens-Schuckertwerke A.G. 1.
- Vactric (Control Equip.) Ltd. 3.

GYROSCOPES

- Aviation Electric Ltd.
- Canadian General Electric Co. Ltd.
- Collins Radio Co. of Canada Ltd.
- Daystrom Ltd.
- Ferranti-Packard Electric Ltd.
- Muirhead Instruments Ltd.
- S. Smith & Sons (Canada) Ltd.
- Sperry Gyroscope Co.
- S. G. Brown Ltd.
- Electronic Specialty Co.
- Fairchild Controls Corp., Components Div.
- Globe Industries Inc.
- Iron Fireman Mfg. Co.
- Kearfott Co. Inc.
- Norden Div., United Aircraft Corp.
- Reeves Instrument Corp.

H

HARNESSES—Wire

- Addison Industries Ltd.
- Aircraft Marine Prods. of Canada Ltd.
- Airtron Canada Ltd.
- Amcan Electrical Harness Ltd.
- Amphenol Canada Ltd.
- Autotronics Control
- Beaconing Optical & Precision Matl. Co. Ltd.
- Cannon Electric Canada Ltd.
- Circle "F" Mfg. Co.
- Electronic Components Ltd.
- Electronic Controls Ltd.
- Electronic Materials Int'l. Ltd.
- Fleck Mfg. Ltd.
- Hackbusch Electronics Ltd. (Stromberg-Carlson)
- Mechron Engrg. Prods. Ltd.
- National Sound Services Ltd.
- R. H. Nichols Ltd.
- The Plessey Co. of Canada Ltd.
- Stark Electronic Instruments Ltd.
- TMC (Canada) Ltd.

- Aerialite Ltd.
- Allied Plastics Supply Corp.
- Alpha Wire Corp.
- Bendix Aviation Corp., Scintilla Div.
- Birnbach Radio, Co., Inc.
- Microdot, Inc.
- Phalo Plastic Corp.
- Permonite Mfg. Co.
- Revere Corp. of America
- Vidair Electronics Mfg. Corp.

HEADPHONES & HEADSETS

- Amalgamated Electric Corp.
- Amplivox (Canada) Ltd.
- Automatic Electric (Canada) Ltd.
- Campbell Manufacturing Co. Ltd.
- Canadian General Electric Co. Ltd.
- Electronic Materials Int'l. Ltd.
- Ericsson Telephone Sales of Canada Ltd.
- Hackbusch Electronics Ltd. (Stromberg-Carlson)
- Len Finkler & Co.
- R. Mack & Co. Ltd.
- McCurdy Radio Industries Ltd.
- Northern Electric Co. Ltd.
- Shurpe Instruments Ltd.
- Spilsbury & Tindall Ltd.
- Standard Telephones & Cables Mfg. Co. (Canada) Ltd.
- TMC (Canada) Ltd.

- A/S Danavox
- Amplivox Ltd.
- S. G. Brown Ltd.
- Dawe Instruments Ltd.
- Dyna-Magnetic Devices Inc.

- Etelco Ltd.
- Japan Piezo Electric Co.
- Multitone Electric Co. Ltd.
- The Murdock Corp.
- Siemens Edison Swan Ltd.
- Stratton & Co. Ltd.
- Superex Electronics Corp.
- Telephone Mfg. Co. Ltd.
- Telex Labs., Inc.
- Trim, Inc.

HEADS

1. Magnetic Drum (Memory)	3. Recording 4. Tape Recording
2. Magnetic Film	

- Canadian Astatic Ltd. 3.
- Ericsson Telephone Sales of Canada Ltd. 2-3-4.
- Ferranti-Packard Electric Ltd. 1-3.
- The Plessey Co. of Canada Ltd. 3.

- Ampex Corp. 4.
- BJ Electronics, Borg-Warner Corp. 1.
- Di-an Controls, Inc. 1.
- General Transistor, Western Corp. 1-4.
- Librascope Inc. 1-3-4.
- Potter Instrument Co. 3-4.
- D. M. Steward Mfg. Co. 3.
- Shane Bros., Inc. 3-4.
- Sonotone Corp. 3-4.
- The Soundscribe Corp. 3.
- Southwestern Industrial Electronics Co. 4.
- Truvox Inc. 4.
- Webcor Inc. 4.
- Webster Electric Co. 4.

HEARING AIDS

- Amplivox (Canada) Ltd.
- Electronic Communications Ltd.
- Hackbusch Electronics Ltd. (Stromberg-Carlson).

- A/S Danavox
- Audio Equipment Co., Inc.
- Dyna-Magnetic Devices, Inc.
- Fortiphone Ltd.
- Multitone Electric Co. Ltd.
- Sonotone Corp.

HEATING, ELECTRONIC

1. Accessories & Associated Equipment	2. Dielectric	3. Induction
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- Barber-Colman of Canada Ltd. 1.
- Brown Boveri (Canada) Ltd. 1-2-3-4.
- Canadian Chromalox Co. Ltd. 1.
- Canadian General Electric Co. Ltd. 3.
- Canadian Research Institute. 2-3.
- Electronic Div. 2-3.
- Electronic Communications Ltd. 1-2-3.
- R. H. Nichols Ltd. 2.
- Philips Electronic Industries Ltd. 2-3.
- Powertronic Equipment Ltd.

- Amperex Electronic Corp. 1.
- Baird Atomic, Inc. 2-3.
- Electro-Flex Heat, Inc. 1-2-3.
- Kahle Engineering Co. 1.
- Induction Heating Corp. 1-2-3.
- Powertronic Equipment Ltd. 2-3.
- Radio Frequency Co., Inc. 1-2-3.
- Radio Heaters, Ltd. 1-2-3.
- Redifon (England) 1-2-3.
- Arthur C. Ruge, Inc. 1.
- Sherman Industr. Electronics 2-3.
- Siemens-Schuckertwerke A.G. 1.
- United Aircraft Prods., Inc. 1-2-3.
- Welduction Corp. 3.

HOLDERS—Crystal

- Airtron Canada Ltd.
- Aircraft Appliances & Eqpt. Ltd.
- Amphenol Canada Ltd.
- Johnson Matthey & Mallory Ltd.
- Quality Hermetics Ltd.
- Allied Industries, Inc.
- American Electronic Lab., Inc.
- Automatic Metal Prod. Corp.
- The Birtcher Corp.
- Billie Electric Co.
- Cinch Mfg. Co.
- Coaxial Connector Co. Inc.
- L. L. Constantin & Co.
- Diamond Antenna Microwave Corp.
- B. F. Goodrich Sponge Prods. Div.
- Henry & Thomas Ltd.
- E. F. Johnson Co.
- Jackson Bros. (London) Ltd.
- James Knights Co.

The McMurdo Instr. Co. Ltd.
Meridian Metalcraft, Inc.
Microwave Associates, Inc.
Mosley Electronics, Inc.
Narda Microwave Corp.
Nems Clarke, Inc.
Radio Corp. of America
Sealtron Corp.
Siemens Edison Swan Ltd.
Standard Crystal Co.
Texas Crystals Div.

HORNS—Microwave

Airtron Canada Ltd.
Beaconing Optical & Precision
Matl. Co. Ltd.
Dominion Aluminum Fabricating
Ltd.
Fleet Mfg. Ltd.
Long Sault Woodcraft Ltd.
Raytheon Canada Ltd.
Sinclair Radio Labs. Ltd.
Sperry Gyroscope Co.

American Electronic Labs., Inc.
DeMornay-Bonardi
Diamond Antenna & Microwave
Corp.
Douglas Microwave Co., Inc.
FXR, Inc.
The General Electric Co. Ltd.
B. F. Goodrich Sponge Prods.
Div.
Hewlett-Packard Co.
D. S. Kennedy & Co.
Meridian Metalcraft, Inc.
Microwave Associates, Inc.
Narda Microwave Corp.
Prodelin, Inc.
Technicraft Lab., Inc.
Telerad Mfg. Corp.
Waveline, Inc.

HORNS—Speaker Projector

Amalgamated Electric Corp. Ltd.
Hackbusch Electronic Ltd.
(Stromberg-Carlson)
EV of Canada Ltd.

Altec Lansing Corp.
Atlas Sound Corp.
Diamond Antenna & Microwave
Corp.
Magnavox Co.
Peerless Fabrikkerne A/S
Racon Electric Co., Inc.
Rauland Borg. Corp.
Rola Celestion Ltd.
Telefunken GmbH.
The Trix Electrical Co. Ltd.
University Loud Speaker, Inc.
Vivavox Ltd.
Waveline, Inc.
Wharfedale Wireless Works Ltd.

HOUSINGS

1. Antenna 5. Public
2. Automobile Address
3. Instrument Radio System
4. Plug-in 6. Speaker
Benco Television Associates Ltd.
1.
Bishop Sons & Co. Ltd. 1-2-3-4-5-6.
Canada Cabinets & Furniture Co.
Ltd. 6.
Dominion Aluminum Fabricating
Ltd. 1-3.
Dominion Electrohome Industries
6.
Electronic Communications Ltd.
3-5.
Hackbusch Electronics Ltd.
(Stromberg-Carlson) 4-5-6.
Industrial & Institutional Com-
munications Ltd. 5-6.
Long Sault Woodcraft Ltd. 1.
Northern Electric Co. Ltd. 5-6.
The Plessey Co. of Canada Ltd.
2.
RCA Victor Co. Ltd. 6.
Research Industries Ltd. 1-3.
Sinclair Radio Labs., Ltd. 1.
York Woodcraft Ltd. 6.
Aerialite Ltd. 1-2.
Amco Engrg. Co. 3.
Argos Products Co., Inc. 5-6.
Blonder-Tongue Labs. Co. 3.
David Bogen Co., Inc. 5.
Bud Radio Inc. 6.
Danbury Knudsen, Inc. 2.
Dukane Corp. 5.
E M I Sales & Service 6.
Emerson & Cuming, Inc. 1.
Falstrom Co. 1-3.
The Finney Co. 5-6.
Firma Tage Schouboe. 3.
General Cement Mfg. Co. 1-2.
Harley Products Co. 6.
Alfred Imhof Ltd. 3.
Jensen Mfg. Co. 6.
Lowell Mfg. Co. 6.
McMillan Industrial Corp. 1.
National Sound Services Ltd.
5-6.

Premier Metal Prods. Co. 3-5-6.
R. W. Neill Co., Inc. 5-6.
Premax Prod. Div. of Chisholm
Ryder Co., Inc. 1.
Rhein Sound Systems, Inc. 5.
The Trix Electrical Co. Ltd. 6.
Transco Products, Inc.
Vector Electric Co. 4.
Wharfedale Wireless Works Ltd.
6.

HYBRID JUNCTIONS—Microwave

Airtron Canada Ltd.
Ferranti-Packard Electric Ltd.
Peffer Sound System Ltd.
Raytheon Canada Ltd.
RCA Victor Co., Ltd.
Sinclair Radio Labs. Ltd.
Tele-Radio Systems Ltd.
Alford Mfg. Co.
Bogart Mfg. Corp.
Bomac Labs., Inc.
Coaxial Connector Co. Inc.
Diamond Antenna & Microwave
Corp.
Dielectric Prods. Engrg. Co.,
Ltd.
Douglas Microwave Co., Inc.
Ferranti-Packard Specialty Co.
FXR, Inc.
The General Electric Co. Ltd.
B. F. Goodrich Sponge Prods.
Div.
Hewlett-Packard Co.
I-T-E Circuit Breaker Co.
Kearfott Co., Inc.
Meridian Metalcraft, Inc.
Microwave Associates, Inc.
Microwave Development Labs,
Inc.
Narda Microwave Corp.
Technicraft Lab., Inc.
Telerad Mfg. Corp.
Transco Products, Inc.
Waveguide, Inc.
Waveline, Inc.

I

INDICATORS

1. Antenna Position
2. Arc Back
3. Broadcast Volume
4. Capacitor Leakage
5. Detonation
6. Dew Point
7. Dielectric Constant
8. Film Thickness
9. Fluid Conductivity
10. Fluid Flow, Electronic
11. Frequency
12. Hardness
13. Humidity, Electronic
14. Illumination
15. Liquid Level
16. Materials Electronic Thickness
17. Moisture Electronic
18. Null
19. Null—Balance, Potentiometer Type
20. Ocean Depth
21. Oxygen
22. pH
23. Photographic Exposure
24. Positioning
25. Power Level, Electronic
26. Pressure
27. Pulse Time
28. Recording Engine
29. rf Probe
30. Shorted Turn
31. Smoke & Combustion, Electronic
32. Sound Level
33. Specific Gravity
34. Strain
35. Temperature
36. Timing
37. Torque
38. Turbidity
39. Vacuum
40. Volume
41. Weight
42. Wind Direction, Electronic
43. Wind Speed, Electronic

Amalgamated Electric Corp. 31.
Associated Electronic Com-
ponents. 4.
Autotronics Control 15.
Aviation Electric Ltd. 1-10-15-18-
19-21-24-26-37-39-40.
Bailey Meter Co. Ltd.
9-10-15-19-21-22-26-31-38.
Bach Simpson Ltd. 3-18-19-35-36.
Bailey Meter Co. Ltd. 9-10-15-21-
22-24-26-31-33-35-38-39.
Barber-Colman of Canada Ltd.
13-19-22-34-35.
Beaconing Optical & Precision
Matl. Co. Ltd. 1.
The Bristol Co. of Canada Ltd.
19-22-33-34-35-39-43.
Canadian Curtiss-Wright Ltd.
8-15-16-17-33.
The Canadian Fairbanks Morse
Co. 37.
Canadian General Electric Co.
Ltd. 6-8-11-15-24-25-31-36.
Canadian Marconi Co. 17-22.
Canadian Research Institute 1-3-
4-11-18-22-23-25-30-31-32-34-35-
36-38.

Canadian Sonic Co. 12-16-20-34.
Canadian Westinghouse Co. Ltd.
Electronics Div. 14-15-16-18-24.
Central Scientific Co. of Canada
Ltd. 22-39.
Davis Automatic Controls Ltd.
26-35.
Daystrom Ltd. 16-19.
Daystrom Ltd. (Heath) 25.
Daystrom Ltd. (Weston) 3-8-11-
14-18-23-35-40.
Decca Radar Canada Ltd. 42-43.
Dial & Instrument Finishers Ltd.
23.
Dominion Electrohome Indus-
tries Ltd. 6-8-9-10-11-12-13-15-
16-17-20-24-24-31-34-35-36-37-
38-41-42-43.
E.M.I.-Cossor Electronics Ltd.
31.
Edo (Canada) Ltd. 20.
Edwards High Vacuum Canada
Ltd. 39.
Electronic Associates Ltd. 15-33.
Electronic Communications Ltd.
1-3-11-14-15-18-23-24-25-32-36-
42-43.
Electronics Corp. of America
(Canada) Ltd. 31.
Ericsson Telephone Sales of
Canada Ltd. 15.
Ferranti-Packard Electric Ltd. 24.
Fischer & Porter Canada Ltd.
7-10-15-17-33-35-39.
Fisher Research Lab. Ltd. 9-15-
17-35.
Fisher Scientific Co. Ltd.
6-9-12-19-21-22-33-35-38-39-41.
Found Bros. Aviation Ltd. 6-10-
35-36-37.
The Foxboro Co. Ltd.
15-17-20-21-22-24-26-33-34-35-
40-41.
The Garrett Mfg. Corp. of
Canada Ltd. 1-9-10-11-18-19-24-
26-33-42-43.
Honeywell Controls Ltd. 9-10-13-
17-19-21-22-26-31-33-34-35-38-39.
Hackbusch Electronics Ltd.
(Stromberg-Carlson) 24-32.
Humble Mfg. Co. Ltd. 31.
International Business Machine
Co. 36.
George Kell Ltd. 34-35.
Leeds & Northrup Canada Ltd.
19-22-31-35.
Lenkurt Electric Co. of Canada
Ltd. 25.
R. Mack & Co. Ltd. 26.
Measurement Engrg. Ltd. 8-10-
13-14-15-16-17-18-24-31-
35-36-38.
C. C. Meredith & Co. Ltd. 25.
Millitronics Ltd. 25-32-41.
National Semiconductors Ltd. 14.
Philips Electronics Industries
Ltd. 6-9-13-15-17-19-22-26-29-
34-35-39.
The Plessey Co. of Canada Ltd.
13.
Polytronics Co. 38.
Raytheon Canada Ltd. 20.
S. Smith & Sons (Canada) Ltd.
24-26-35-39.
Stark Electronic Instruments Ltd.
2-4-11-18-29.
TMC (Canada) Ltd.
Taylor Instrument Co. of Canada
Ltd. 22-26-33-35-39-42-43.
Tecneek Associates 8-11-13-14-15-
17-19-35-36.
Thermo Electric (Canada) Ltd.
35.
Thermovolt Instrument Ltd.
10-13-15-22-26-31-35-39-40.
Tinsley Instruments Canada Ltd.
19-34.
Triad Instruments & Controls
Ltd. 19-30-35.
Vector Labs., Inc. 11-19-35-36-37-
41.
The Wind Turbine Co. of Canada
Ltd. 1.

A. E. G. 11-22.
Acoustica Associates. 15.
Acromag, Inc. 11.
Aero Research Instrument Co.,
Inc. 35-43.
Aero Supply Co. 15.
Aerolux Light Corp. 14.
Airborne Instruments Lab., Inc.
1-32.
Airpax Products Co. 11.
Allegany Instr. Co., Inc. 26-34-
35.
Antlab, Inc. 1.
Assembly Products, Inc. 22-35.
Automatic Timing & Controls
Inc. 24-36-41.
Avien Inc. 15.
B & F Instruments, Inc. 37.
BJ Electronics, Borg-Warner
Corp. 11-26.
B & K Mfg. Co. 30.
Bailey Meters & Controls Ltd. 31.
Baird Atomic, Inc. 1-4-30-36.
Ballantine Labs Inc. 18.

Barber-Colman Co. 12.
Barnes Development Co. 4-7.
Beckman Instruments, Inc. 11-21-
33-38.
Beebe Electrical Instrument Co.,
Inc. 18-35-40.
Bendix Aviation Corp. 13-24-42-
43.
Boonton Electronics Corp. 18.
Boonton Radio Corp. 8.
British Physical Labs. 3-4-11.
Brooks Rotameter Co. 10.
The British Rototherm Co. Ltd.
35.
A/S Bruel & Kjaer. 32-34.
S. G. Brown Ltd. 20.
Brush Instruments. 34.
Burton-Rogers Co. 3-18-32.
Cambridge Instruments Co. Ltd.
13-21-22-35.
Chicago Industrial Instrument
Co. 30.
Computer Measurements Corp.
11-36.
Consolidated Controls Corp. 26-
35.
Consolidated Electrodynamics
Corp., Rochester Div. 39.
Cornell Dubilier Electrical Corp.
4.
Coulter Industrial Sales Co. 18.
Cramer Controls Corp. 36.
Chicago Miniature Lamp Works.
14.
A/S Danbridge. 4.
Dawe Instruments 32.
Daytronic Corp. 16-26-34-41.
Decker Engrg. Corp. 26.
W. C. Dillon & Co. 35.
Donner Scientific Co. 18.
Dynamic Instrument Co. Inc.
10-26.
Edin Co., Inc. 34.
Electric Eye Equipment Co. 17.
Electronic Specialty Co. 1.
Electronic Instruments Ltd.
7-22-36.
Electro-Measurements Corp. 19.
Electro Snap Corp. 14.
Eldorado Electronics Co. 14-23.
Elima GmbH. 24.
El-Tronics Inc. 17.
Endevco Corp. 26.
Esterline Angus Co. Inc. 24.
Evershed & Vignoles Ltd.
10-11-15-24-25-26-33-39-40-41-42.
FXR, Inc. 11.
Fenwal Electronics, Inc. 35.
John Fluide Mfg. Co. Inc. 18-19.
General Communications 33.
General Radio Co. 7-11-18-27-32.
B. F. Goodrich, Sponge Prods.
Div. 29.
Gorrell & Gorrell. 36.
P. Gossen & Co. GmbH. 3-11-14-
18-25-32-35.
Gulton Ind. 8-10-15-16-26-34-35.
Haenni & Co. A.G. 10-13-15-17-
26-35-39.
Hallikainen Instruments 7.
W. Harrison 14.
Hartmann & Braun A.G. 6-18-19-
21-22-26-34-35.
Hastings Raydist Inc. 42-43.
The A. W. Hayden Co. 36.
Haydon Div., General Time
Corp. 36.
Hewlett Packard Co. 25.
Hoyt Electrical Instrument Works
3-18-32.
Hy-Gain Antenna Prods. 1.
I.B.T. Instruments. 11.
Industrial Control Co. 18-34.
Industrial Instruments, Inc. 9-17.
Industrial Test Equipment Co.
18.
Industrial Winding Machinery
Corp. 37.
Iron Firearm Mfg. Co. 31-35.
J.B.T. Instruments Inc. 35.
Jackson Electrical Instr. Co. 29.
Kay Electric Co. 29.
Kearfott Co. Inc. 43.
Kistler Instruments Co., Inc. 5-
26-28.
H. C. Kroepelin GmbH 8-16.
Lampson Labs. Inc. 11.
Dr. B. Lange 22-31.
Electronics, Inc. 24.
Lintron Ltd. 10.
Magtrol, Inc. 37.
Marion Electrical Instr. Co. 3-18.
Measurements, A McGraw
Edison Div. 11.
Megatron Ltd. 14.
Metronix 25.
Metra Corp. 11.
Microwave Associates, Inc. 29.
Millvac Instruments, a Div. of
Cohn Electronics. 18.
F. H. Moseley. 19-35.
NRC Equipment Corp. 39.
Nash & Thompson Ltd. 8-30.
National Instr. Laboratories, Inc.
10-21-26.
Norden Div., United Aircraft
Corp. 24-26-37.
Northam Electronics, Inc. 26.

Nuclear Corp. of America Inc. 8-15-33.

Opad Electric Co. 11-24.

Owen Labs, Inc. 18-34.

Patterson Moos, Div. of Universal Indicator Co. Inc. 35.

Peschel Electronics, Inc. 4-7.

Phaostroon Instrument & Electronic Co. 18-25-32.

Philips Electronics, Inc. 1.

Photocon Research Labs. 8-16-26.

Photovolt Corp. 22-31.

Polarad Electronics Corp. 22-29.

Polypase Instrument Co. 34-37.

W. G. Pye Co. Ltd. 6-9-18-19-22.

Radiant Corp. 1.

Radiation Counter Labs., Inc. 8-15.

Radio Corp. of America. 1.

Radiometer 18-22.

Rahm Instr. Div. Amer. Machine Metals 20-26-39.

Rheem Mfg. Co. 22.

Ripley Co., Inc. 15-31.

S. A. Rocher Electronique. 10-11-36-41.

Revere Corp. of America. 10-15-41.

Robertshaw-Fulton Controls Co., The Instrument Div. 7-15.

Rohde & Schwarz 1-10-25-32.

Rosemount Engrg. Co. 35.

Laboratorium Dr. Justus Rosenhagen 6-42-43.

Arthur C. Ruge Inc. 35.

Sanborn Co. 25.

E. H. Sargent & Co. 39.

Savage Co. 4-36.

Savage & Parsons Ltd. 34-35.

Schomandl K.P. 11.

Schaevitz Engrg. 10-16-24-26-34-41.

H. H. Scott, Inc. 32.

Sensitive Research Instrument Corp. 11.

Serdex, Inc. 13-35.

Servomechanisms, Inc. Sub-systems Div. 42-43.

Servomex Controls Ltd. 21.

Shallcross Mfg. Co. 18-19.

Sharpe Instruments Ltd. 22.

Sheffield Corp. 8-16.

Shurite Meters. 11.

Siemens & Halske A.G. 3-6-9-10-11-12 13-15 1-17-19-21-22 24-25-26-28-31-33-34-35-39-40-41.

Sifam Electrical Instrument Co. Ltd. 35-36.

Sigma Instrument Co. Ltd. 31.

Simmonds Aerocessories, Inc. 15-18-19-21.

Sioux Radio Prod. 41.

Southern Instruments Ltd. 10-17-26-28-34-35.

Statham Labs., Inc. 34.

Sterline Mfg. Co. 1-15.

H. W. Sullivan Ltd. 4.

Taylor Electrical Instruments Ltd. 3-4.

Technique Associates, Inc. 35.

Telectro Industries Corp. 24-26-35.

Telefunken GmbH. 3.

Telegraf Mfg. Corp. 11.

Television Utilities Corp. 14-31.

Texas Instruments Incorporated 11.

J. Langham Thompson Ltd. 21-26-28.

Trio Labs., Inc. 18.

Trimount Instrument Co. 26.

Triplet Electrical Instrument Co. 3-25.

Ernest Turner Electric Instruments 3-40.

United Electric Controls Co. 35.

United States Gauge. 26-35-39.

Varo Mfg. Co., Inc. 11.

Venner Electronics Ltd. 11-36.

Veeco Vacuum Corp. 39.

Walkirt Co. 2.

Waters Mfg., Inc. 37.

Waugh Engrg. Co. 11.

Wayne Kerr Labs. Ltd. 7.

W. M. Welch Mfg. Co. 8-14-23.

West Instrument Corp. 35.

Westronics, Inc. 19-26-34-35-37.

Wilson Mechanical Instrument Div. of American Chains & Cable Co. 12.

Zwick & Co. K. J. 12.

Hammond Mfg. Co. Ltd. 8.

Honeywell Controls Ltd. 8.

C. C. Meredith & Co. Ltd. 8.

Muirhead Instruments Ltd. M.

Servomechanisms (Canada) Ltd. S.

Stanwyck Coil Prods. Ltd. M.

Tinsley Instruments. M.

Aladdin Electronics. M.

Alto Scientific Co., Inc. M.

Arnold Magnetics Corp. S.

Burnell & Co., Inc. M.

Carad Corp. S.

Electro Engrg. Works. S.

General Radio Co.

E. F. Johnson Co. M.

Ortho Filter Corp. M-S.

W. G. Pye Co. Ltd. M.

S. A. Rocher Electronique M-S.

Sorenson & Co., Inc. S.

Special Prods. Div. Servomechanisms, Inc. S.

Superec Electronic Corp. M.

Taylor Electrical Instruments Ltd. M.

Vari L Co., Inc. S.

Aviation Electric Ltd.

Bach Simpson Ltd.

Barber-Colman of Canada Ltd.

Canadian General Electric Co. Ltd.

Canadian Research Institute.

Computing Devices of Canada Ltd.

Daystrom Ltd. (Weston)

Dial & Instrument Finishers Ltd.

Ferranti-Packard Electric Ltd.

Muirhead Instruments Ltd.

Polytronics Co.

Servomechanisms, Canada, Ltd.

Spaulding Fibre Co. of Canada Ltd.

Thermovolt Instruments Ltd.

Tinsley Instruments.

X-Ray & Radium Industries Ltd.

Y. W. Small Parts Ltd. 1.

Allied Plastics Supply Corp.

Dynamic Gear Co., Inc.

Emel Establishment

Golay-Buchel

Harwin Engineers Ltd.

Norden Div., United Aircraft Corp.

Nuclear Corp. of America, Instrument Div.

P I C Design Corp.

Precision Tube Co., Inc.

Roller-Smith Instruments Inc.

Sensitive Research Instrument Corp.

Servomex Controls Ltd.

Sifam Electrical Instrumental Co. Ltd.

J. Langham Thompson Ltd.

U. S. Gear Corp.

Barber-Colman of Canada Ltd.

The Bristol Co. of Canada Ltd.

Canadian Applied Research Ltd.

Canadian General Electric Co. Ltd.

Canadian Research Institute

Daystrom Ltd.

Electronic Associates Ltd.

Fisher Scientific Co. Ltd.

The Foxboro Co. Ltd.

Honeywell Controls Ltd.

Leeds & Northrup Canada Ltd.

Muirhead Instruments Ltd.

Philips Electronics Industries Ltd.

The Plessey Co. of Canada Ltd.

S. Smith & Sons (Canada) Ltd.

Tecneek Associates

Thermovolt Instruments Ltd.

Varian Assoc. of Canada Ltd.

Alfax Paper & Engrg. Co.

Alford Mfg. Co.

Antlab, Inc.

Barnes Development Co.

Beckman Instruments, Inc., Instruments Div.

A/S Bruel & Kjaer.

Brush Instruments.

Cambridge Instrument Co. Ltd.

Camille Bauer Ltd.

Century Electronics & Instruments.

Edin Co., Inc.

Elima GmbH.

Electronic Associates, Inc.

Esterline-Angus Co. Inc.

Evershed & Vignoles Ltd.

General Radio Co.

Gorrell & Gorrell

Hartmann & Braun A.G.

Hughes Products Div., Hughes Aircraft Co.

Kay Electric Co.

Metrawatt A.G.

Millivac Instruments, Div. of Cohu Electronics

Nalder Bros. & Thompson Ltd.

Offner Electronics

Photron Instrument Co.

Record Electrical Co. Ltd.

Laboratorium Dr. Justus Rosenhagen

Rust Industrial Co., Inc.

Sanborn Co.

Savage & Parsons Ltd.

Schaevitz Engrg.

Siemens & Halske A.G.

Siemens Edison Swan Ltd.

Southern Instruments Ltd.

Staub & Co.

Tally Register Corp.

United States Gauge.

Universal Transistor Prods. Corp.

Westronics, Inc.

INSTRUMENTS—Ultrasonic

Canadian Research Institute.

Canadian Sonic Co.

Dominion Electrohome Industries, Ltd.

Electronic Communications Ltd.

Raytheon Canada Ltd.

S. Smith & Sons (Canada) Ltd.

Transonic Ltd.

Acoustica Associates Ltd.

Atomic Accessories, Inc.

Baird-Atomic, Inc.

A/S Bruel & Kjaer.

Branson Instruments, Inc.

Cartiss-Wright Corp.

Dawe Instruments Ltd.

Gulton Industries, Inc.

1. Antenna

2. Can Liner

3. Ceramic

4. Feeder

5. Fused Quartz

6. High Dielectric Paper

7. Strain

8. Test Clip

9. Thermo-couple

10. Tower

11. Transmitting Antenna

12. TV Yoke

Barber-Colman of Canada Ltd. 9.

Beatty Bros. Ltd. 7-10-11.

Centralab Canada Ltd. 2.

Collben Mfg. Co. Ltd. 1.

Canadian General Electric Co. Ltd. E.E. & T.D. 1.

Engelhard Industries of Canada Ltd. 5.

Ferranti-Packard Electric Ltd. 3.

Fisher Scientific Co. Ltd. 9.

Honeywell Controls Ltd. 3-9.

Leeds & Northrup Canada Ltd. 9.

Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div. 3.

National Fibre Co. of Canada Ltd. 1.

N. Slater Co. Ltd. 7.

Oki & Willadsen Ltd. 1.

The Plessey Co. of Canada Ltd. 3.

Polytronics Co. 9.

Quality Hermetics Ltd. 3.

Sinclair Radio Labs. Ltd. 5.

Smith & Sons (Canada) Ltd. 3.

Smith & Stone Ltd. 3.

Spaulding Fibre of Canada Ltd. 1-6-7.

Telequipment Mfg. Co. Ltd. 1.

Thermo Electric (Canada) Ltd. 9.

Thermovolt Instruments Ltd. 9.

Titania Electric Corp. of Canada 3.

Valerite Electronics Guelph Ltd. 1-7.

The Wind Turbine Co. of Canada Ltd. 1-4-10-11.

T.M.C. (Canada) Ltd. 1-10-11.

Aerialite Ltd. 1.

Amatom Electronic Hardware Co., Inc. 8.

Birnbach Radio Co., Inc. 1-3-4-7-8.

Geo. Bray & Co. Ltd. 3-9.

A. F. Bulgin & Co. Ltd. 8.

The Carborundum Co., Globar Plant. 3-4-9-10-11.

Centralab Div., Globe-Union Inc. 3-4.

Chicago Industrial Instrument Co.

Compagnie Générale d'Electro-Ceramique 1-3-7-11.

Electro Ceramics, Inc. 3.

Electronic Mechanics, Inc. 3.

Emerson & Cumine, Inc. 3.

The Finney Co. 4-7-8.

General Electric Co. (Lamp Glass Dept.) 5-9.

Gravill, Inc. 8.

Gulton Ind. 3.

Harwin Engineers Ltd. 8.

Heldor Mfg. Co., Inc. 3.

Henry & Thomas Ltd. 3.

Industrial Devices, Inc. 8.

Jackson Bros. (London) Ltd. 3.

E. F. Johnson Co. 1-11.

Lapp Insulator Co., Inc. Radio

Specialties Divn. 1-11.

Mosley Electronics Inc.

Mueller Electric Co. 8.

National Co., Inc. 3.

Onandaga Pottery Co. 3.

Oxley Developments Co. Ltd. 3-8.

Premax Prod. Div. of Chisholm

Ryder Co. Inc. 1.

Quartz Fibre Prod. Co. 5.

Revere Corp. of America. 9.

Rosenthal Isolator GmbH. 1-3-7.

Seastite Insulations Ltd. 3-9.

D. M. Steward Mfg. Co. 3.

Stratton & Co. Ltd. 3.

Tufnol Ltd. 1-7.

Ucinite Co. 8.

INTEGRATORS—Electronic

Amalgamated Electric Corp. Ltd.

Aviation Electric Ltd.

Barber-Colman of Canada Ltd.

Canadian Applied Research Ltd.

Computing Devices of Canada Ltd.

Daystrom Ltd. (Weston)

Electronic Associates Ltd.

Ferranti-Packard Electric Ltd.

The Garrett Mfg. Corp. of Canada Ltd.

George Kelk Ltd.

Honeywell Controls Ltd.

Raytheon Canada Ltd.

Vector Labs., Inc.

Kellogg Switchboard & Supply Co.
Lake Mfg. Co. Inc.
Mark Simpson Mfg. Co., Inc.
Merco Recording Co., Inc.
Moore Associates Inc.
Multitone Electric Co. Ltd.
R. W. Neill Co., Inc.
Rauland Borg Corp.
Rheem Mfg. Co.
■ Siemens Edison Swan Ltd.
■ Siemens & Halske A.G.
Talk-A-Phone Co.
Telautograph Corp.
Telectro Industries Corp.
Telephone Mfg. Co. Ltd.
Transelectric Mfg. Co.
The Trix Electrical Co. Ltd.
Webster Electric Co.
Whiteley Electrical Radio Co. Ltd.
Winston Electronics Ltd.

INVERTERS—dc-ac

Aviation Electric Ltd.
Benco Television Associates Ltd.
■ Canadian Line Material Ltd.
■ Canadian Westinghouse Co. Ltd., Electronic Div.
Collins Radio Co. of Canada Ltd.
■ Canadian General Electric Co. Ltd.
Daystrom Ltd.
The Garrett Mfg. Corp. of Canada Ltd.
The Hoover Co. Ltd.
Lenkurt Electric Co. of Canada Ltd.
Lucas-Rotax Ltd.
Powertronic Equipment Ltd.
■ Pylon Electronic Development Research Industries Ltd.
Tele-Radio Systems Ltd.
F. V. Topping Electronics Ltd.
Arnoux Corp.
Barnes Development Co.
Carter Motor Co.
Cornell-Dubilier Elec. Corp.
Eicor, Inc.
Electric Specialty Co.
Electro Development Corp.
Electro Dynamic Construction Co.
Electronic Assoc. Inc.
Electronic Research Associates, Inc.
Electronic Specialty Co.
Greenleaf Mfg. Co.
Gulton Industries Inc.
Industrial Control Co.
Jack & Heintz, Inc.
Kupfrian Mfg. Corp.
Mandrel Industrial Instruments.
N J E Corp.
Opad Electric Co.
Perkin Engrg. Corp.
Rheem Mfg. Co.
Sorensen & Co., Inc.
Telectro Industries Corp.
Terado Co.
Transvaal Engineering Corp.
Universal Transistor Products Corp.
Varo Mfg. Co., Inc.
Vibration Research Labs Inc.

ION TRAPS

The Plessey Co. of Canada Ltd.
Claroast Mfg. Co., Inc.
General Cement Mfg. Co.
Teleradio Engineering Corp.
Whiteley Electrical Radio Co. Ltd.

IRONS-Soldering

Amalgamated Electric Corp. Ltd.
The Canadian Fairbanks-Morse Co. Ltd.
■ Canadian General Electric Co. Ltd.
Linde Air Products Co., Div. of Union Carbide Canada Ltd.
Ungar Electric Tool Co. of Canada.

Adcola Prods. Ltd.
■ American Electrical Heater Co.
A.N.T.E.X. Ltd.
Drake Electric Works.
Electric Soldering Iron Co.
Firma S. Samulevitz.
The Gabriel Co.
Gregg Electric Co.
Kemode Mfg. Co.
Kwikheat Mfg. Co.
H. P. Preis Engraving Machine Co.
Wassco Electric Products Inc.
Weller Mfg. Co.
Zeva-Elektrizitats A.G.

ISOTOPES

Atomic Energy of Canada Ltd.

Isotope Developments Ltd.
New England Nuclear Corp.
Nuclear Corp. of America Inst. Div.
United States Radium Corp.

J

JACK PANEL ASSEMBLIES

Addison Industries Ltd.
Autotronics Control
■ Canadian General Electric Co. Ltd., E.E. & T.D.
Electronic Communications Ltd.
Electronic Materials Int'l. Ltd.
Electronic Research & Development Co. Ltd.
Ericsson Telephone Sales of Canada Ltd.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
Honeywell Controls Ltd.
Lenkurt Electric Co. of Canada Ltd.
McCurdy Radio Industries Ltd.
National Sound Services Ltd.
Northern Electric Co. Ltd.
Northern Radio Mfg. Co. Ltd.
Oki & Willadsen Ltd.
Powertronic Equipment Ltd.
Tele-Radio Systems Ltd.
Thermo Electric (Canada) Ltd.
T.M.C. (Canada) Ltd.
■ United-Carr Fastener Co. of Canada Ltd.
Associated Engrg. Corp.
Audio Development Co.
A. F. Bulgin & Co. Ltd.
Cinema Engineering Div. of Aerovox Corp.
Control Panel Corp.
Coaxial Connector Co. Inc.
Dialight Corp.
Engineered Electronics Co.
The Finney Co.
General Cement Mfg. Co.
General Radio Co.
The Keyswitch Co.
Kellogg Switchboard & Supply.
National Tel-Tronics Corp.
Nems-Clarke Co. Div. of Vitro Corp. of America.
■ Siemens Edison Swan Ltd.
Switchcraft, Inc.
Trimn Inc.
Ucinite Co.

JACKS

Amphenol Canada Ltd.
■ Automatic Electric (Canada) Ltd.
Bayly Engineering Ltd.
■ Cambridge Thermionic Ltd.
The Canadian Fairbanks-Morse Co. Ltd.
Canadian General Electric Co. Ltd., E.E. & T.D.
Ericsson Telephone Sales of Canada Ltd.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
Honeywell Controls Ltd.
Lenkurt Electric Co. of Canada Ltd.
National Sound Services Ltd.
Northern Electric Co. Ltd.
Powertronic Equipment Ltd.
Raytheon Canada Ltd.
Thermo Electric (Canada) Ltd.
T.M.C. (Canada) Ltd.
■ United-Carr Fastener Co. of Canada Ltd.

Aerolite Electronics Corp.
Amatonic Electronic Hardware Co., Inc.
Associated Engrg. Corp.
Audio Development Co.
Automatic Electric Co.
Belling & Lee Ltd.
Birnbach Radio Co., Inc.
A. F. Bulgin & Co. Ltd.
Carter Parts Co.
Cinch Mfg. Co.
Cinema Engrg. Div. of Aerovox Corp.
Commercial Plastics Co.
Coaxial Connector Co., Inc.
Etelco Ltd.
The Finney Co.
Henry & Thomas Ltd.
Hugh H. Eby Co., Inc.
General Cement Mfg. Co.
General Radio Co.
■ Grayhill, Inc.
■ Jackson Bros. (London) Ltd.
E. F. Johnson Co.
The Keyswitch Co.
Litton Industries Components Div.
National Co. Inc.
National Tel-Tronics Corp.
Nems Clarke, Inc.
Richards Electrocraft, Inc.
■ Siemens Edison Swan Ltd.

Switchcraft, Inc.
Trimn Inc.
Ucinite Co.
Waltham Horological Corp.

JEWELS-Glass

■ Canadian Research Institute
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
Dialight Corp.
Drake Mfg. Co.
E & C Industrial Engraving Points
General Cement Mfg. Co.
Golay Buchel
E. F. Johnson Co.

JOINTS—Rotary, Microwave

Ferranti-Packard Electric Ltd.
Fleet Mfg. Ltd.
■ Raytheon Canada Ltd.

Airborne Instruments Lab., Inc.
Airtorn Inc.
Bogart Mfg. Corp.
De Mornay Bonardi
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
FXR, Inc.
General Radio Co.
B. F. Goodrich Sponge Prods. Div.
I-T-E Circuit Breaker Co.
Kearfott Co. Inc.
Litton Industries Components Div.
Meridian Metalcraft, Inc.
Microwave Associates Inc.
Microwave Development Labs.
Radiation Inc.
Telerad Mfg. Corp.
Waveguide, Inc.
Waveline Inc.

K

KEYERS & COUPLERS

Bayly Engrg. Ltd.
Northern Radio Mfg. Co. Ltd.
The Plessey Co. of Canada Ltd.
Coaxial Connector Co. Inc.
Electronic Specialty Co.
Nems-Clarke Co., Div. of Vitro Corp. of America.

KEYERS—Frequency Shift

Collins Radio Co. of Canada Ltd.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
Lenkurt Electric Co. of Canada Ltd.
Northern Radio Mfg. Co. Ltd.
The Plessey Co. of Canada Ltd.
Tele-Radio Systems Ltd.
F. V. Topping Electronics Ltd.
Crosby Lab., Inc.
Electronic Specialty Co.
Manson Labs., Inc.
National Co. Inc.
Radiation, Inc.
Radio Frequency Lab., Inc., Comm. Div.
■ Siemens & Halske A.G.

KEYS & CODING EQUIPMENT

Ericsson Telephone Sales of Canada Ltd.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
Henry & Thomas Ltd.
Spilsbury & Tindall Ltd.
The Finney Co.
Great Northern Telegraph Co.
E. F. Johnson Co.
Nems-Clarke Co., Div. of Vitro Corp. of America.
■ Siemens & Halske A.G.

KNOBS

Amphenol Canada Ltd.
Aviation Electric Ltd.
Canadian Electric Resistors Ltd.
Croname (Canada) Ltd.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson)
Hathaway Kraemer Ltd.
■ Muirhead Instruments Ltd.
Oki & Willadsen Ltd.
The Plessey Co. of Canada Ltd.
■ Raytheon Canada Ltd.
■ Rogers Electronic Tubes & Components, Div. of Philips Electronics Industries Ltd.
Spaulding Fibre of Canada Ltd.

The British Electric Resistance Co.
A. F. Bulgin & Co. Ltd.
Dale Prods., Inc.
Harry Davies Molding Co.
General Cement Mfg. Co.
General Radio Co.
Industrial Devices Inc.
Jan Hardware Mfg. Co. Inc.
E. F. Johnson Co.
Kurz-Kash Inc.
Lerco Electronics Inc.
Litton Industries, Inc.
■ Muirhead & Co. Ltd.
National Co. Inc.
Nems Clarke, Inc.
Painton & Co. Ltd.
■ Rogan Bros.
Stratton & Co. Ltd.
Ernest Turner Electrical Instruments Ltd.
Whiteley Electrical Radio Co. Ltd.

L

LAMINATES—Metal Clad

■ Allied Circuit Techniques Ltd.
■ Bakelite Co.
Continental Diamond Fibre of Canada Ltd.
Cyanamid of Canada Ltd.
National Fibre Co. of Canada Ltd.
Panelyte Div., St. Regis Paper Co. (Canada) Ltd.
Spaulding Fibre of Canada Ltd.
Allied Plastics Supply Corp.
H. Clark & Co. (Manchester) Ltd.
Thomas De La Rue Ltd.
Metals & Controls Corp.
Mica Corp.

LAMINATIONS—Transformer

■ Canadian Westinghouse Co. Ltd.
Electronics Div.
El-Met Parts Ltd.
Osborne Electric Co. Ltd.
Magnetic Metals Co.
Magnetics, Inc.
Webcor, Inc.

LEADS—Test

Amphenol Canada Ltd.
■ Canadian Research Institute.
Daystrom Ltd. (Weston)
Len Finkler & Co.
The Finney Co.
A. F. Bulgin & Co. Ltd.
General Cement Mfg. Co.
Phaeotron Instrument & Electronic Co.
Suprex Electronics Corp.
Waterman Products Co. Inc.

LENSES

1. Infra Red
2. Optical
3. Television
4. Television Magnifying
5. Television Projection
■ Canadian General Electric Co. Ltd. E.E. & T.D. 3-5.
Sharpe Instruments Ltd. 2.
Baird-Atomic, Inc. 1.
R. & J. Beck Ltd. 2.
A. F. Bulgin & Co. Ltd. 2.
Allen B. Du Mont Labs., Inc. 3-4.
The English Glass Co. Ltd. 2.
Hallam Electronics Co. 3-4-5.
Librascope, Inc. 1-2.
McMillan Industrial Corp. 1.
Servo Corp. of America. 1.
Taylor, Taylor, & Hobson, Ltd. 3.
Zoomar Marketing Corp. 2-3.

LIGHTS

1. Dial, Panel & Pilot
2. Photoelectric Source
3. Signal
4. Stroboscopic Source
Aviation Electric Ltd. 1.
Beaconing Optical & Precision Matl. 3.
Burgess Battery Co. 1.
■ Canadian General Electric Co. Ltd. 1-2-3.
■ Canadian Research Institute. 2-4.
■ Canadian Westinghouse Co. Ltd. Electronics Div.
Canadian Westinghouse Co. Ltd., Lamp Div. 1-2-3-4.
Dial & Instrument Finishers Ltd. 1.

Electronic Assoc. Ltd. 2.
Ericsson Telephone Sales of
Canada Ltd. 1.
Ferranti-Packard Electric Ltd. 4.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson) 1
■ Measurement Engrs. Ltd. 2.
■ Micarta Fabricators Ltd. 1.
■ National Semiconductors Ltd. 2.
■ Philips Electronics Ind. Ltd. 4.
■ Tecneek Associates 2-3.
■ United-Carr Fastener Co. of
Can. Ltd. 1.
■ X-Ray and Radiant Industries Ltd.
1.

Aerolux Light Corp. 2-3-4.
Allied Plastics Supply Corp. 1.
Amatom Electronic Hardware
Co., Inc. 1.
A. F. Bulgin & Co. Ltd. 1-3.
Chicago Miniature Lamp Works
1-2-3-4.
Circon Component Co. 1-3.
Communication Measurements
Lab., Inc. 4.
Dialight Corp. 1-3.
Drake Mfg. Co. 1.
Drelo Ing. Paul Drewell. 4.
Electro-Snap Corp. 1.
Firma Tage Schouboe. 1.
The Foxboro Co. 1-3.
General Cement Mfg. Co. 1.
General Radio Co. 4.
Hetherington, Inc. 1-3.
Industrial Devices, Inc. 1.
E. F. Johnson Co. 1.
Nems Clarke, Inc. 4.
Oxford Components, Inc. 1.
Permonite Mfg. Co. 1.
Post Mach., Electronic Prods.
Div. 2.
Ripley Co., Inc. 2.
Savage & Parsons Ltd. 4.
■ Siemens & Halske A.G. 1.
■ Telectro Industries Corp. 4.
Transistor Electronics Corp. 1-3.
Venner Electronics Ltd.

LINES—Slotted

■ Andrew Antenna Corp. Ltd.
Ferranti-Packard Electric Ltd.
■ Alford Mfg. Co.
DeMornay-Bonardi.
Diamond Antenna & Microwave
Corp.
■ Douglas Microwave Co., Inc.
General Radio Co.
B. F. Goodrich, Sponge Prods.
Div.
Hewlett-Packard Co.
Microwave Associates, Inc.
Telerad Mfg. Corp.

LINKS—Antenna

Brown Boveri (Canada) Ltd.
Collins Radio Co. of Canada
Ltd.
■ Canadian General Electric Co.
Ltd.
RCA Victor Co. Ltd.
The General Electric Co. Ltd.
Prodelin, Inc.
Telerad Mfg. Corp.

LOCKS

D. Dial S. Shaft
■ Cambridge Thermionic D.
■ Raytheon Canada Ltd. S.
Birnbach Radio Co. Inc. D-S.
The Finney Co. D-S.
■ Jackson Bros. (London) Ltd. S.
Jan Hardware Mfg. Co., Inc.
D-S.
E. F. Johnson Co. D-S.
Keystone Electronics Corp. D-S.
Litton Industries, Inc. S.
National Co., Inc. D-S.
PIC Design Corp. D-S.
Waldom Electronics Inc. D.

M

MACHINES

1. Balancing, Electronic
2. Bending
3. Capacitor Manufacturing
4. Cleaning
5. Coil Winding
6. Coil Winding, Toroidal
7. Counting, Photo-electric
8. Crystal Mfg. & Finishing
9. Cutting, Electronic
10. Dictating, Electronic
11. Disc Recording
12. Engraving & Profiling
13. Forming
14. Glass Blowing
15. Glass Working
16. Impregnating
17. Marking
18. Modular & Automatic Assembly

19. Record Manufacturing
20. Shock Testing
21. Soldering, Electric
22. Transcribing Electronic
23. Transistor
or Diode Mfg.
24. Tube Manufacturing
25. Vibration & Fatigue Testing
26. Wire Stripping
Aviation Electric Ltd. 1-2-4-5.
Brown & Boggs 2.
Canadian Cinch Anchoring
Systems 17-21-26.
Canadian Liquid Air Co. Ltd. 9.
■ Canadian Research Institute.
7-12-17.
Canadian Sonic Co. 4.
■ Canadian Westinghouse Co. Ltd.
Electronics Division. 1.
Cannon Electric Canada Ltd. 21.
Colbren Mfg. Co. Ltd. 13-26.
Cosa Corp. of Canada Ltd.
12-13.
Dial & Instrument Finishers Ltd.
4.
Dominion Electrohome Industries
Ltd. 7-25.
■ E.M.I.-Cossor Electronics Ltd.
1-10.
Electronics Communications Ltd.
4.
Engineered Sound Systems Ltd.
22.
Ericsson Telephone Sales of
Canada Ltd. 19.
F.A.J. Tools Co. 4-13-17-18.
Fisher Scientific Co. Ltd. 14.
The E. Harris Co. Ltd. 17.
George Kelk Ltd. 7.
Lenkurt Electric Co. of Canada
Ltd. 6.
Linde Co. 9.
■ R. Mack & Co. Ltd. 26.
Marking Prods. Ltd. 17.
Masson Seely & Co. Ltd. 17.
■ Muirhead Instruments Ltd. 25.
Osborne Electric Co. Ltd. 5-20-
25.
Polytronics Co. 17.
Servomechanisms (Canada) Ltd.
7.
Sonograph Ltd. 10-22.
Tecneek Associates 7.
United Shoe Mach. of Canada
Ltd. 18.
A.A. Tools. 2-13.
Acoustica Associates 4.
Airborne Instruments Lab., Inc.
23.
Arnold Magnetics Corp. 6.
Artos Engrs. Co. 9-17-26.
Associated American Winding
Mach. 5.
Atomic Labs, Inc. 14.
Avo Ltd. 5.
Rex Bassett, Inc. 8.
■ Beckman Berkeley Div. 7.
Boesch Mfg. Co., Inc. 5-6.
Branson Ultrasonic Corp. 4.
C. G. Electronics Corp. 6.
Coil Winding Equipment Co.
5-6.
Computer Measurements Corp. 7.
Consolidated Electrodynamics
Corp., Rochester Div. 20.
Crown Industrial Products Co.
5-6.
Dawe Instruments Ltd.
Decker Engrs. Corp. 12.
David Dowling Ltd. 12.
Edwards High Vacuum Ltd.
15-24.
Electro Devices, Inc. 6.
Evershed & Vignoles Ltd. 5.
P. X. Fox Ltd. 6.
Fry's Metal Foundries Ltd. 21.
Goodman's Industries, Ltd. 25.
Gulton Ind. 20-25.
Harvey Manufacturing 12.
Dr. Ing. Rudolf Hell. 12.
Ideal Industries Ltd. 21.
Industrial Winding Machinery
Corp. 5-6.
International Research &
Development Co. 1-25.
Jan Hardware Mfg. Co., Inc. 20.
Kahl Engrs. Co. 14-15-23-24.
The Lewis Machine Co. 9.
Ling Electronics Corp. 25.
Losenhausenwerk 1-25.
M.B. Mfg. Co. 25.
Macdonald & Co. 9-26.
Mar-Tex Corp. 17.
Micafil, 3-5-6.
Mico Instrument Co. 6-12-15.
Nash & Thompson Ltd. 20.
■ Narda Ultrasonics Corp. 4.
NRC Equipment Corp. 8-16.
Oil-Dyne, Inc. 21.
The Pentron Corp. 10.
Phoovolt Corp. 12.
Popper & Sons, Inc. 17.
Potter Instrument Co. 7.
H. P. Preis Engraving Machine
Co. 2-12-13-17.
Racal Engrs. Ltd. 7.

Rek-O-Kut Co. 11-19.
Riehle Testing Machines 25.
Arthur C. Ruge, Inc. 12.
Sanders Associates Inc. 18.
Schaevitz Engrs. 1.
Shallcross Mfg. Co. 7.
Sifam Electrical Instrument Co.
Ltd. 20.
Sodeco, Societe des Compteurs
de Geneve. 7.
The Sound Scriber Corp.
10-11-22.
Southern Instruments Ltd. 25.
Taylor, Taylor & Hobson. 17.
Technical Devices Co. 3-9-13-26.
Tinius Olsen Testing Machine
Co. 1.
Trumeter Co. Ltd. 7.
Universal Winding Co. 5.
Virginia Electronics Company,
Inc. 21.
Wallace Manufacturing Supplies
Co. 2.
Wassco Electric Products Inc.
21.
Winston Electronics Ltd. 10.
Zeva Elektrizitaets A.G. 21.

MAGNETIZERS & DEMAGNETIZERS

Aviation Electric Ltd.
The Canadian Fairbanks-Morse
Co.
■ Canadian Research Institute.
The Indiana Steel Prods. Co. of
Canada Ltd.
National Sound Services Ltd.
Osborne Electric Co. Ltd.
The Plessey Co. of Canada Ltd.
Triad Instruments & Controls
Ltd.
Ampex Corp.
Audio Devices, Inc.
British Ferrograph Recorder.
Cinema Engrs. Div. Aerovox
Corp.
Crucible Steel Company of
America.
Dr. Ing. Frank Fruengel GmbH.
Ideal Industries Ltd.
Librascope, Inc.
Microtran Co., Inc.
Radio Frequency Labs.
The Sound Scriber Corp.

MAGNETOMETERS

Canadian Applied Research Ltd.
Sharpe Instruments Ltd.
■ Varian Associates of Canada
Ltd.
Institut Dr. Foerster
S. A. Rocher Electronique
Telectro Industries Corp.

MAGNETS—Permanent

The Canadian Fairbanks-Morse
Co.
■ Canadian General Electric Co.
Ltd.
Canadian Stackpole Ltd.
The Indiana Steel Prods. Co. of
Canada Ltd.
■ Philips Electronics Ind. Ltd.
The Plessey Co. of Canada Ltd.
■ The Arnold Engrs. Co.
Crucible Steel Company of
America.
General Ceramics Corp.
Mullard Overseas Ltd.
Murex Ltd.
National Moldite Co.
Peerless Fabrikerne A/S.
D. M. Steward Mfg. Co.
Whiteley Electrical Radio Co.
Ltd.

MARKERS—Frequency, Microwave

Control Electronics Co. Inc.
Emerson & Cuming Inc.
FXR Inc.
Kay Electric Co.
Laboratory for Electronics, Inc.
Manson Labs, Inc.
Narda Microwave Corp.
Telerad Mfg. Corp.

MARKERS—Wire

■ Hackbusch Electronics Ltd.
■ Heller Canada Ltd.
Marking Prods. Ltd.
Minnesota Mining & Mfg. of
Canada Ltd.
Artos Engrs. Co.
■ W. H. Brady Co.
Lake Chemical Co.
North Shore Nameplate Inc.
Westline Products Div., Western
Lithograph Co.

MEGAPHONES—Electronic

■ Canadian Marconi Co.
Engineered Sound Systems Ltd.
Len Finkler & Co.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson)
■ R. Mack & Co. Ltd.
■ Measurement Engrs. Ltd.
F. V. Topping Electronics Ltd.
Antrex Corp.
Audio Equipment Co. Inc.
Multitone Electric Co. Ltd.
Sound Craft Systems.

MEMORY SYSTEMS

Beaconing Optical & Precision
Matl.
■ Canadian General Electric Co.
Ltd.
■ Canadian Research Institute.
■ Canadian Westinghouse Co. Ltd.
Electronics Div.
Computing Devices of Canada
Ltd.
Daystrom Ltd.
Electronic Associates Ltd.
Ferranti-Packard Electric Ltd.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson)
■ International Business Machines
Co., Ltd.
The Plessey Co. of Canada Ltd.
■ Raytheon Canada Ltd.
Servomechanisms (Canada) Ltd.
Anderson Labs. Inc.
Automatic Telephone & Electric
Co. Ltd.
BJ Electronics, Borg-Warner
Corp.
Computer Control Co. Inc.
Dian Controls Inc.
Electronic Assoc. Inc.
Greenleaf Mfg. Co.
Librascope Inc.
Potter Instrument Co. Inc.
Radio Corp. of America, Memory
Cores Div.
Telectro Industries Corp.

METERS

1. Attenuation
2. Cable Testing
3. Conductance
4. Counting Rate
5. d'Arsouval
6. Decibel
7. Distortion & Noise
8. Elapsed Time
9. Capacitance
10. Field Strength
11. Flow, Electronic
12. fm Deviation
13. Footcandle
14. Frequency
15. Frequency, Microwave
16. Grid Dip
17. Impedance
18. Inductance
19. Light
20. Microwave
21. Moisture, Electronic
22. Null
23. pH
24. Phase Angle
25. Power
26. Power, Microwave
27. Power, Output
28. Q
29. Sound Level
30. Standing Wave Ratio
31. Thermo-couple
32. Vibration
33. Volt-Ohm, Electronic
34. Wave
35. Wave & Flutter
36. X-ray Intensity
Addison Electric Co. Ltd. 2.
Amalgamated Electric Corp. Ltd.
19.
■ Automatic Electric Sales
(Canada) Ltd. 2-6-8-33.
Aviation Electric Ltd. 11.
■ Bach Simpson Ltd. 5-6-8-10-17-
22-31-33.
Bailey Meter Co. Ltd. 11-23.
■ Barber-Colman of Canada Ltd.
5-22-23-31.
Benco Television Associates Ltd.
10.
Bepco Canada Ltd. 14-25.
The Bristol Co. of Canada Ltd.
11-14-19-23-31.
■ Canadian General Electric Co.
Ltd. 8-10-12-14-25.
Canadian Sonic Co. 11-32.
Canadian Marconi Co. 14-15-21-
26-27-30-33-34.
■ Canadian Research Institute 1-2-
3-4-5-6-9-13-14-16-17-18-19-21-
22-23-24-25-27-29-31-33.
Collins Radio Co. of Canada
Ltd. 15-26.
Daystrom Ltd. (Heath) 7-16-27-
28-30.
Daystrom Ltd. (Weston) 5-6-9-13-
14-19-22-24-25-27-31-33.
Dial & Instrument Finishers Ltd.
36.
Dominion Electrohome Industries
Ltd., Technical Prod. Div. 36.
Electronic Associates Ltd. 4-7-11-
36.

Electronic Communications Ltd. 1-6-7-19-27-29-35.
Ericsson Telephone Sales of Canada Ltd. 2.
Ferranti-Packard Electric Ltd. 25.
Fischer & Porter Canada Ltd. 9-11-21-23.
Fisher Research Lab. Ltd. 2-4-21-29-32.
Fisher Scientific Co. Ltd. 23.
Found Bros. Aviation Ltd. 11.
The Foxboro Co. Ltd. 11-21-23-31.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson) 29.
Helipot Div., Beckman Inst. Inc. 14-33.
Honeywell Controls Ltd. 5-21-22-23.
Jerrold Electronics (Canada) Ltd. 6-10-12.
George Kelk Ltd. 4.
Leeds & Northrup Canada Ltd. 23.
Lemkurt Electric Co. of Canada Ltd. 6-7.
■ Measurement Engrg. Ltd. 4-19-21-31.
■ Muirhead Instruments Ltd. 17-24-25-28-32-35.
The Northern Radio Mfg. Co. Ltd. 6-12-29.
■ Philips Electronics Industries Ltd. 2-4-10-16-21-23-32-33-34-36.
Polytronics Co. 31.
Radio Communications Equipment & Engrg. Ltd. 2-4-10.
Sharpe Instruments Ltd. 2-23-24.
■ Sinclair Radio Labs., Ltd. 30.
S. Smith & Sons (Canada) Ltd. 30.
C. R. Snelgrove Co. Ltd. 14.
Sperry Gyroscope Co. 15-20-26-30.
■ Standard Telephones & Cables Mfg. Co. 1-7.
■ Stark Electronic Instruments Ltd. 1-2-3-4-5-6-7-8-9-14-17-18-25-27-31-33.
Taylor Instrument Co's. of Canada Ltd. 23-31.
Tecneek Associates 13-14-17-18-19-8-9.
Tele-Radio Systems Ltd. 20-26-27.
Thermo Electric (Canada) Ltd. 31.
Thermovolt Instruments Ltd. 31.
Tinsley Instruments 2-3.
T.M.C. (Canada) Ltd. 14-30.
Vector Labs. Inc. 4-14.
The Wind Turbine Co. of Canada Ltd. 30.
X-Ray & Radium Industries Ltd. 36.
A.E.G. 11-15-23-27.
Acoustica Associates 11.
Acromag, Inc. 14.
Acton Laboratories, Inc. 17-24.
Advance Components Ltd. 6-9-17-18-28-33.
Advance Electronics Lab., Inc. 24.
Ad-Yu Electronics Lab., Inc. 24.
Aerialite Ltd. 2.
Allegany Instrument Co., Inc. 14.
Alto Scientific Co., Inc. 16-30.
Amos of Exeter Ltd. 32.
Assembly Products, Inc. 5.
Associated Research, Inc. 2-3.
Automatic Mfg. Div. of General Instrument Corp. 33.
Automatic Timing & Controls, Inc. 8.
Avo Ltd. 13-19-33.
BJ Electronics 4-30.
Baird-Atomic, Inc. 4-8.
■ Ballantine Labs., Inc. 22.
Barnes Development Co. 9.
Rex Bassett, Inc. 14.
Camille Bauer Ltd. 24-25.
■ Beckman Instr. Inc., Berkeley Div. 4-8-14-15-33.
Beckman Instr. Inc., Scientific Div. 23.
Beede Electrical Instrument Co., Inc. 6-8-22-29.
Blonder-Tongue Labs., Inc. 10.
Boonton Electronics Corp. 16-17-22.
Boonton Radio Corp. 28.
British Physical Labs. 5-6-9-33-14-17-22.
Brooks Rotameter Co. 11.
A/S Bruel & Kjaer 6-7-9-29-32-34.
Budelman Electronics Corp. 14-26-27.
Burton Rogers Co. 5-6-22-29-31.
California Technical Industries 2-20-30.
Cambridge Instrument Co. Ltd. 3-5-9-10-23-27-31.
A. E. Cawell & Co. Ltd. 25.

Chemalloy Electronics Corp. 20-26.
Chicago Industrial Instrument Co. 33.
Clough-Bregle Co. 33.
Coaxial Connector Co., Inc. 1.
Computer Measurements Corp. 4-14-24.
Control Electronics Co., Inc. 2-15-24-27.
Cramer Controls Corp. 8.
Cubic Corp. 26-27.
A/S Danbridge 9-15-24-25.
The Daven Co. 7-27-33.
Dawe Instruments Ltd. 21-28-29.
Delmar-Amsco Corp. 3-23-31.
Diamond Antenna & Microwave Corp. 15-34.
Divco-Wayne Electronics 14.
Donner Scientific Co. 35.
Douglas Microwave Co., Inc. 14-34.
Allen B. Du Mont Lab., Inc. 12-14.
Dynamic Instrument Co., Inc. 11.
Eldorado Electronics Co. 8-19.
Electro-Instruments, Inc. 8-14-33.
Electro-Measurements Corp. 17-22.
■ Electro Mechanical Instrument Co. 33.
Electronic Associates, Inc. 33.
Electronic Instrument Co., Inc. 16-33.
Electronic Measurements Corp. 6-9-33.
Elima GmbH. 14-24-25.
El-Tronics, Inc. 21.
Empire Devices Prods. Corp. 10.
Endevco Corp. 33.
Estelene-Angus Co., Inc. 14-25.
Evershed & Vignoles Ltd. 1.
FXR, Inc. 20-26-30.
John Fluke Mfg. Co. 22-27-33.
Frequency Standards Ltd. 15-34.
Dr. Ing. Frank Fruengel GmbH. 2.
General Communications 15-20-26.
General Radio Co. 1-2-3-6-7-8-9-14-17-18-22-27-29-30-32-34.
General Time Corp., Haydon Div. 8.
Gertsch Prods., Inc. 14-15.
Goodman Industries Ltd. 32.
B. F. Goodrich, Sponge Prods. Div. 1-15-17-20-26-30-34.
P. Gossen & Co. GmbH. 3-5-6-9-13-14-19-22-24-25-27-29-31.
Greibach Instruments Corp. 5.
The Hartman Electrical Mfg. Co. 24.
Hartman & Braun A.G. 2-3-5-9-10-14-17-22-23-24-25-31.
The A. W. Haydon Co. 8.
Hermann Wetzler 8.
Hewlett-Packard Co. 6-7-14-15-17-22-26-27-30-33-34.
Hickok Electrical Instrument Co. 5-6-7-12-14-22-25-29-31-33.
Hitachi Ltd. 2.
Hoyt Electrical Instrument Works 5-6-22-29-31.
Industrial Control Co. 9-22.
Industrial Development Labs., Inc. 11-22.
Industrial Instruments, Inc. 2-3-8-21.
Industrial Test Equipment Co. 5-6-27-31-33.
Institut Dr. Forster 10-11.
International Instruments, Inc. 5-6-33.
International Research & Devel. Corp. 14-32.
J. B. T. Instruments, Inc. 8-14.
I/S Jensen Electric 5-6-9-13-19-22-24-31-33.
Jerrold Electronics Corp. 10.
E. J. Johnson Co. 30.
M. C. Jones Electronics Co., Inc. 30.
Kay Electric Co. 1-2-14-28-32-35.
Wayne Kerr Labs., Ltd. 1-7-9-17.
Laboratory for Electronics, Inc. 15-21-27.
Lampkin Labs., Inc. 12-14.
Dr. B. Lange 5-13-23.
Lavoie Labs., Inc. 14-15.
Lintronics Labs., Inc. 14-15.
M. B. Mfg. Co. 32.
Manson Laboratories, Inc. 14-15.
Marion Electrical Instrument Co. 5-6-8-22-29.
■ Measurements, a McGraw Edison Div. 5-6-8-22-33.
Megatron Ltd. 13-19.
Metra Corp. 14-25-31-33.
Metrawatt A.G. 2-13.
Metronix 9-17-18.
Microwave Assoc., Inc. 1-15-17-20-26-30-34.
Microwave Development Lab., Inc. 15-34.
Mid Eastern Electronics 8-21.
Millivac Instr. Div. of Cohu Elec. 22-23.

Moses Electronics 8.
Narda Microwave Corp. 15-20-26-30-34.
Nash & Thompson Ltd. 33.
National Theatre Supply Co. 29.
Nems Clarke, Inc. 10-12.
New London Instrument Co. 12.
Non-Linear Systems, Inc. 6-29.
North Atlantic Industries, Inc. 24.
North Eastern Engrg., Inc. 14-33.
Nuclear Corp. of America, Instrument Div. 36.
Opad Electric Co. 11.
Peschel Electronics, Inc. 2.
Phaestron Instrument & Electronic Co. 5-6-33.
Photon Research Prods. 19.
Photovolt Corp. 13-19-21-23.
Polarad Electronics Corp. 20-23-26-30.
Post Mach., Electronic Prods. Div. 4.
Potter Instrument Co., Inc. 14-8.
Precision Apparatus Co., Inc. 33.
Precision Instrument Corp. 33.
Precision Radiation Instruments, Inc. 4.
W. G. Pye Co. Ltd. 23.
Radar Design Corp. 15-34.
Radio Corporation of America 10-14-15-29-33.
Radio Frequency Labs., Inc. 2.
Radiometer 9-16-17-18-22-23.
Racal Engrg. Ltd. 8.
Record Electrical Co. Ltd. 14-24-25.
Revere Corp. of America 4-11-31.
Ribet Desjardins 32.
Rortshaw-Fulton Controls Co. 9-32.
S. A. Rocher Electronique 3-9-11-14-17.
Rohde & Schwarz 1-10-11-15-17-18-20-22-26-27-28-29-30-34-7.
Roller-Smith Instruments, Inc. 1.
Ruhstrahl 31.
W. H. Sanders Ltd. 15.
Sanwa Electric Instrument Works 29-33.
Schaevirtz Engrg. 11.
Schomandl K. G. 14.
H. H. Scott, Inc. 2-29.
Sensitive Research Instrument Corp. 5-14-18-31.
Servomex Controls Ltd. 24.
Shalkcross Mfg. Co. 2-22.
Shurite Meter 8-14.
■ Siemens Edison Swan Ltd. 33.
■ Siemens & Halske A.G. 2-3-11-14-19-21-23-24-25-31-33-35-36.
Siemens-Schuckertwerke A. G. 4.
Sierra Electronic Corp. 2-26-27.
Sifam Electrical Instrument Co. Ltd. 5-6-32.
Slaughter Co. 2.
Sodeco. 8.
The Solartron Electronic Group Ltd. 23.
Southern Instruments Ltd. 24.
Southwestern Industrial Electronics Co. 32-33.
Sprague International Ltd. 9.
Taylor Electrical Instruments Ltd. 6-27-33.
■ Tektronix, Inc. 9-18.
Telechrome Mfg. Corp. 12.
Teletronics Lab., Inc. 14.
Tel Instrument Electronic Corp. 32.
Telectro Industries Corp. 35.
Telerad Mfg. Corp. 15.
Trio Labs., Inc.
Triplett Electrical Instrument Co. 5-6-33.
Ernest Turner Electrical Instruments Ltd. 5-33.
Universal Atomics Corp. 36.
Varo Mfg. Co. 14.
Vectrol Engrg., Inc. 14.
Venner Electronics Ltd. 4-8-14.
Victoreen Instrument Co. 36.
WacLine, Inc. 5-6-14-26-31-33.
Wandell & Goltermann. 1-2-24.
■ Waters Mfg., Inc. 5-8-33.
Waugh Engrg. Co. 4-14.
Waveline, Inc. 15-20-26-30.
W. N. Welch Mfg. Co. 19.
Westinghouse Electric International Corp. 36.
Westport Electric 8.
Hermann Wetzler 8.
Winston Electronics Ltd. 33.

MICROMETERS—Electronic

■ Bach Simpson Ltd.
Canadian Fairbanks-Morse Co. Ltd.
■ Canadian Research Institute.
■ Stark Electronic Instruments Ltd.
British Physical Labs.
Dawe Instruments Ltd.
Daytronic Corp.
Hickok Electrical Instrument Co.
Institut Dr. Forster.
■ Measurements, a McGraw-Edison Div.
W. G. Pye Co. Ltd.
Sanwa Electric Instrument Works
Schaevirtz Engrg.
Shardlow Micrometers Ltd.
Sheffield Corp.
Triplett Electrical Instrument Co.

MICROPHONES

1. Aircraft	6. Dynamic
2. Type	7. Magnetic
3. Carbon	8. Noise
4. Condenser	9. Cancelling
5. Contact	10. Velocity
11. Crystal	

Amplivox (Canada) Ltd. 7-8.
Campbell Mfg. Co. Ltd. 2.
Canadian Astatic Ltd. 2-4-5-6-8.
■ Canadian General Electric Co. Ltd., E.E. & T.D. 2-3-5-6-7-8-9.
Canadian Motorola Electronics Ltd. 6.
Daystrom Ltd. 5.
EV of Canada Ltd. 1-2-4-5-6-8.
Electronic Materials Int'l. 2-4-5-6-7-8.
Ericsson Telephone Sales of Canada Ltd. 1-2-4-8.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson) 2-5-6-8.
Humble Mfg. Co. Ltd. 2.
■ R. Mack & Co. Ltd. 2-3-4-6.
Northern Electric Co. Ltd. 6.
RCA Victor Co. Ltd. 1-2-5-6-7-8-9.
Research Industries Ltd. 2.
Spilsbury & Pindall Ltd. 2.
■ Standard Telephones & Cables Mfg. Co. 6.

Altec Lansing Corp. 3-5-6-7-8-9.
Amplivox Ltd. 1-2-5-6-7-8.
Audio Instrument Co. Inc. 3.
S. G. Brown Ltd. 2-6.
A/S Bruel & Kjaer. 3.
■ Cleveite Transistor Prods. 5.
Collaro Ltd. 5.
Cosmocrad Ltd. 7.
Dukane Corp. 5-6.
Dyna, Inc. 9.
Electro Sonic Labs., Inc. 1-6-7-8.
Electro Voice, Inc. 1-2-4-5-6-8.
Etelec Ltd. 2.
General Cement Mfg. Co. 1-2-3-4-5-6-7-8-9.
General Radio Co. 3-5-6.
Grampan Reproducers Ltd. 6.
Gulton Int. 5.
Japan Piezo Electric Co. 5.
Lustronics. 5-6-8-9.
Multitone Electric Co. Ltd. 5-6.
Murphy Radio Ltd.
Photocon Research Prods. 3.
Primo Sound Research Inc. 5.
Radio Corporation of America. 1-2-5-6-9.
Reslo Sound, Ltd. 9.
Ronette Acoustical Corp. 5.
Shure Bros. Inc. 2-5-6-7-9.
■ Siemens & Halske A. G. 3-6.
Sony Radio Corp. 3.
Telephone Mfg. Co. Ltd. 2.
Telefunken GmbH 3-6.
Turner Co. 2-5-6-7.
Vitavox Ltd. 7.
Whiteley Electrical Radio Co. Ltd. 1.

MICROSCOPES—Electron

■ Philips Electronics Industries Ltd.
RCA Victor Co. Ltd.
Chirana Corporation.
Metro-Vickers Electrical Co. Ltd.
■ Philco Corp., Gov. & Ind. Div.
Radio Corp. of America.
■ Siemens & Halske A. G.
Taylor Electrical Instruments Ltd.

MICROWAVE TRANSMISSION LINES

Airtron Canada Ltd.
■ Andrew Antenna Corp. Ltd.
Ferranti-Packard Electric Ltd.
RCA Victor Co. Ltd.
■ Sinclair Radio Labs. Ltd.
■ Standard Telephones & Cables Mfg. Co.
Tele-Radio Systems Ltd.

MICROFARADIMETERS

■ Canadian Research Institute.
Daystrom Ltd. (Weston)
Tecneek Associates
Barnes Development Co.
British Physical Labs.
Cambridge Instrument Co., Ltd.
I/S Jensen Electric.
Taylor Electrical Instruments Ltd.
Wayne Kerr Labs. Ltd.

Airtron Inc.
Bogart Mfg. Corp.
CWS Waveguide Corp.
Diamond Antenna & Microwave Corp.
Dielectric Prods. Engrg. Co., Inc.
Douglas Microwave Co., Inc.
Electronic Specialty Co.
FXR, Inc.
D. S. Kennedy & Co.
Meridian Metalcraft Inc.
Microlab.
Prodelin, Inc.
W. H. Sanders Ltd.
■ Technicraft Lab., Inc.
Telerad Mfg. Corp.

MIXERS—Microwave

Airtron Canada Ltd.
■ Canadian General Electric Co. Ltd., Electric Equipment & Tube Div.
Ferranti-Packard Electric Ltd.
RCA Victor Co. Ltd.
■ Raytheon Canada Ltd.
■ Sinclair Radio Labs. Ltd.
Sperry Gyroscope Co.
■ Varian Associates of Canada Ltd.

Airtron Inc.
Bogart Mfg. Corp.
■ Bomac Labs. Inc.
CWS Waveguide Corp.
Diamond Antenna & Microwave Corp.
Douglas Microwave Co., Inc.
Empire Devices Prod. Corp.
FXR, Inc.
The General Electric Co. Ltd.
B. F. Goodrich, Sponge Prods. Div.
Hewlett-Packard Co.
Kearfott Co. Inc.
Laboratory for Electronics Inc.
Meridian Metalcraft Inc.
Microwave Assoc., Inc.
Narda Microwave Corp.
Radar Design Corp.
W. H. Sanders Ltd.
Telerad Mfg. Corp.
Transco Prods., Inc.
Waveline Inc.

MODULATORS

1. Magnetic 3. Pulse
2. Phase
Ferranti-Packard Electric Ltd.
Lenkurt Electric Co. of Canada Ltd. 2.
■ Raytheon Canada Ltd. 3.
Servomechanisms (Canada) Ltd. 2.

Airtron Inc. 1-2-3.
Alto Scientific Co., Inc. 3.
Carad Corp. 1-3.
FXR, Inc. 3.
Filtron Co., Inc. 3.
General Magnetics Inc. 1.
Hermetic Seal Transformer Co. 2-3.
Industrial Control Co.
Levinthal Electronic Prods., Inc. 3.
Manson Labs., Inc. 3.
Narda Microwave Corp. 3.
Penn-East Engrg. Corp. 1-2-3.
Polarad Electronics Corp. 1.
Potter Instrument Co. Inc. 1.
Stevens-Arnold Inc. 1.
Torotel, Inc. 1.
Ultradyn, Inc. 2.
Vectrol Engrg., Inc. 2.
The Walkirk Co. 1-2-3.

MONITORS

1. am/fm Transmitter 5. Phase 6. Radio-activity
2. Frequency 7. Shift
3. Modulation 8. TV Transmitter
4. Neutron Flux
Aviation Electric Ltd. 7.
■ Canadian General Electric Co. Ltd., E.E. & T.D. 1-2-3-5-8.
Canadian Marconi Co.
Comm. Prods. Div. 1-2-3-8.
Canadian Motorola Electronics Ltd. 2-3.
Dial & Instrument Finishers Ltd. 6.
Dominion Electrohome Industries Ltd. Tech. Prod. Div. 4-6.
Electronic Associates Ltd. 6.
Electronic Communications Ltd. 1-2.
Eriesson Telephone Sales of Canada Ltd. 2.
Lenkurt Electric Co. of Canada Ltd. 3.
■ Measurement Engrg. Ltd. 6.
Northern Radio Mfg. Co. Ltd. 7.

■ Philips Electronics Industries Ltd. 6.
The Plessey Co. of Canada Ltd. 4-5.
Pye Canada Ltd. 1.
Pye Canada Ltd., TV Trans. Div. 8.
RCA Victor Co. Ltd. 1-2-3-8.
Servomechanisms (Canada) Ltd. 2-5-7-8-9.
T. M. C. (Canada) Ltd. 2-3-7.
Vector Labs. Inc. 2.

Acton Labs. Inc. 5.
B. J. Electronics. 4-6.
Baird-Atomic, Inc. 4-6.
■ Berkeley Division Beckman Instruments Inc. 2.
Budelman Electronics Corp. 2.
Control Electronics Co. Inc. 5.
Crosby Labs. Inc. 3.
Allen B. DuMont Laboratories Inc. Int. Riv. 2-3-8.
Empire Devices Prods. Corp. 3.
Etelco Ltd. 6.
FXR, Inc. 2.
The Finney Co. 2.
Fleming Radio Developments. 6.
General Radio Co. 2-3.
General Radiological Ltd. 4-6.
Grundig Radio Werke. 8.
Hallamore Electronics Co. 8.
Hewlett-Packard Co. 2-3-8.
Industrial Test Equipment Co. 5.
Ingenieur Buro Atlas. 8.
Isotope Devel. 4-6.
Labgear Ltd. 6.
Lampkin Labs. Inc. 2-3.
Lavoie Labs. Inc. 2.
Murphy Radio Ltd. 8.
Nems Clarke, Inc. 1-2-3-7.
New London Instrument Co. 3.
Northern Radio Co., Inc. 7.
Nuclear Corp. of America, Instrument Div. 4-6.
Potter Instrument Co. Inc. 2.
Radiation Counter Labs., Inc. 4-6.
Radio Corporation of America. 2-3.
Sanders Associates, Inc. 5.
Sarkes Tarzian, Inc. 8.
Schomandi K. G. 2.
Taylor Electrical Instruments Ltd. 2.
Telechrome Mfg. Corp. 8.
Television Utilities Corp. 8.
Universal Atomics Corp. 6.
Universal Transistor Prods. Corp. 6.
Victoreen Instrument Co. 4-6.
Walkirk Co. 2.
Waterman Products Co. Inc. 3-5.
Waugh Engrg. Co. 2.

MOTORS

1. Fractional hp 5. Servo 6. Speed Regulation
2. Gear 7. Stepping
3. Phonograph 8. Synchronous Control 9. Timing
Alliance Div., General Steel Wares Ltd. 1-2-3.
Aviation Electric Ltd. 1-2-4-5-6-8.
■ Barber-Colman of Canada Ltd. 1-4.
Canadian Admiral Corp. Ltd. 3.
Cdn. Fairbanks-Morse Co. Ltd. 1-2-8.
■ Canadian General Electric Co. Ltd. 1-2-8.
■ Canadian Westinghouse Co. Ltd. 1-2-8.
Controls Co. of America, Canada, Ltd. 1-3-8-9.
Cramer Controls Corp. 8-9.
Davis Automatic Controls Ltd. 9.
Daystrom Ltd. 5.
Dominion Electrohome Industries Ltd. Tech. Prods. Div. 1-2-3-6-9.
Electronic Controls Ltd. 6.
Electro-Dynamic Construction Co. 1.
Ericsson Telephone Sales of Canada Ltd. 8-9.
Ferranti-Packard Electric Ltd. 8.
The Garret Mfg. Corp. of Canada Ltd. 1-2-4-5-6-8.
Helipol Div., Beckman Instru., Inc. 5.
Honeywell Controls Ltd. 5-8.
The Hoover Co. Ltd. 1-5.
Lucas-Rotax Ltd. 1.
Monarch Radio Mfg. Co. 3.
■ Muirhead Instruments Ltd. 4-5-6-7-8-9.
Robbins & Myers Co. of Canada Ltd. 1-2.
Sea Breeze Mfg. Ltd. 1-3.
S. Smith & Sons (Canada) Ltd. 5-7-8.
■ Standard Telephones & Cables Mfg. Co. (Canada) Ltd. 3.
Tecneek Associates 9.

Air Marine Motors Inc. 1-2-8.
Alliance Mfg. Co. 1-2-3.
Automatic Timing & Controls, Inc. 5.
■ Borg Equip. Div., Amphenol-Borg Electronics Corp. 1-3.
Bristol Motor Div. Vocaline Co. 8-9.
S. G. Brown Ltd. 1-5-8.
Carter Motor Co. 1.
Collard Ltd. 3.
Cramer Controls Corp. 8-9.
Diehl Mfg. Co. 5.
Deuta-Werke GmbH 6.
The Electric Construction Co. 6-8.
Elicor, Inc. 1.
Evershed & Vignoles Ltd. 1.
Foreman Electric Co. 1.
General Industries Co. 3.
General Radio Co. 1-6.
Globe Industries, Inc. 1-2-4-5-6-8-9.
Gorell & Gorell 9.
The A. W. Haydon Co. 1-2-4-6-8-9.
Howard Industries, Inc. 1-2-5-8-9.
Humphrey, Inc. 6.
Hurst Tool & Mfg. Co., Inc. 8-9.
Induction Motors Corp. 1-2-5.
Jack & Heintz, Inc. 2.
Kearfott Co., Inc. 5-8.
Kollsman Instrument Corp. 5-8.
Lear, Inc. 1-5.
G. H. Leland, Inc. 7.
Mechatrol Div., Servomechanisms, Inc. 2-5-8.
Newton Bros. (Derby) Ltd. 1-5.
Norden Div., United Aircraft Corp. 5.
Paragon Electric Co. 9.
H. P. Preis Engraving Machine Co. 1.
Rotating Components, Inc. 1-2-4-5-7-8-9.
Servonics, Inc. 5.
Siemens Schuckertwerke A. G. 6-8-9.
Vactric (Control Equipment) Ltd. 2-5-8.
Webcor Inc. 3.

MOUNTINGS—Vibration & Shock

Aviation Electric Ltd.
The Canadian Fairbanks-Morse Co. Ltd.
Dominion Rubber Co.
Electronic Materials Int'l Ltd.
B. F. Goodrich Canada Ltd.
Rawplug Prods. Canada Ltd.
■ United-Carr Fastener Co. of Canada Ltd.

Aerialite Ltd.
The Birtcher Corp.
Lord Mfg. Co.
M. B. Mfg. Co.
H. P. Preis Engraving Machine Co. 1.
Robinson Aviation, Inc.
Ucinite Co.

MOUNTS—Antenna

■ Andrew Antenna Corp. Ltd.
■ Beatty Bros. Ltd.
Dominion Aluminum Fabricating Ltd.
Fleet Mfg. Ltd.
McCarter Radio & Television Ltd.
■ Measurement Engrg. Ltd.
■ Sinclair Radio Labs. Ltd.
Teletipm Mfg. Co. Ltd.
The Wind Turbine Co. of Canada Ltd.

Aerialite Ltd.
Antlab Inc.
Coaxial Connector Co. Inc.
Dielectric Prods. Engineering Co., Inc.
General Cement Mfg. Co.
Kenwood Engrg. Co. Ltd.
Microwave Assoc., Inc.
Narda Microwave Corp.
Premax Prod. Div. of Chisholm Ryder Co. Inc.
Prodelin Inc.
Rohn Mfg. Co.
Spencer Kennedy Labs. Inc.
Technical Appliance Corp.

MOUNTS—Thermistor

■ Sinclair Radio Labs. Ltd.

Cinch Mfg. Co.
Ferranti Ltd.
B. F. Goodrich, Sponge Products Div.
Gulton Indus Thermistor Div.
Narda Microwave Corp.
Telerad Mfg. Corp.
Ucinite Co.

MULTIMETERS

■ Bach Simpson Ltd.
■ Canadian Research Institute. Daystrom Ltd. (Heath)
Daystrom Ltd. (Weston)
■ Philips Electronics Ind. Ltd.
■ Stark Electronic Instruments Ltd.
Tecneek Associates
Thermovolt Instruments Ltd.
Tinsley Instrument (Canada) Ltd.

Advance Components Ltd.
Associated Research, Inc.
Export Dept.
Automatic Mfg. Div. of General Instrument Corp.
Avo Ltd.
British Physical Labs.
Chicago Industrial Instrument Co.
Clough-Brengle Co.
Cornell-Dubilier Electric Corp.
Cubic Corp.
A/S Danbridge
The Daven Co.
Electronic Instrument Co., Inc.
Electronic Instruments Ltd.
Electronic Measurements Corp.
Electronic Specialty Co.
Elima GmbH.
Franklin Electronics, Inc.
P. Gossen & Co. GmbH.
Hartmann & Braun A.G.
Hewlett-Packard Co.
Hickok Electrical Instrument Co
Ideal Precision Meter Co., Inc.
International Instruments Inc.
I/S Jensen Electric.
■ Measurements, A McGraw-Edison Div.
Nash & Thompson, Ltd.
Joseph Neuberger
Non-Linear Systems Inc. 2.
Phaostroon Instrument & Electrical Co.
Precision Apparatus Co. Inc.
Sakura Electric Co. Ltd.
Sanwa Electric Instrument Works.
Sensitive Research Instrument Corp.
■ Siemens & Halske A.G.
James S. Spivey, Inc.
Taylor Electrical Instruments Ltd.
Teletronics Lab., Inc.
Triplett Electrical Instrument Co.
Ernest Turner Electrical Instruments Ltd.
Welch Mfg. Co.

MULTIPLEX SYSTEMS—Frequency or Time Division

Amalgamated Electric Corp. Ltd.
Automatic Telephone & Sound Services Ltd.
The Bristol Co. of Canada Ltd.
Canadian Motorola Electronics Ltd.
■ Canadian Westinghouse Co. Ltd.
Collins Radio Co. of Canada Ltd.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson)
Lenkurt Electric Co. of Canada Ltd.
Northern Radio Mfg. Co. Ltd.
The Plessey Co. of Canada Ltd.
T. M. C. Canada Ltd.
Tele-Radio Systems Ltd.

Applied Research Inc.
Automatic Telephone & Electric Co. Ltd.
Budelman Electronics Corp.
California Computer Products, Inc.
Crosby Labs. Inc.
Electronic Specialty Co.
Electronics Development Co. Inc.
Etelco Ltd.
The General Electric Co. Ltd.
Lynch Carrier Systems Inc.
Radiation, Inc.
■ Siemens & Halske A. G.
Telechrome Mfg. Corp.
Telephone Mfg. Co. Ltd.

MULTIPLIERS

1. Crystal 5. Magnetic
2. Diode 6. Meter
3. Electronic 7. Servo
4. Frequency
■ Bach Simpson Ltd. 6.
■ Canadian Research Institute. 6.
Electronic Associates Ltd. 3.
Eriesson Telephone Sales of Canada Ltd. 4-5.
■ International Business Machine Co. 3.
Northern Radio Mfg. Co. Ltd. 4.

- Stark Electronic Instruments Ltd. 6.
- Tecneck Associates 6.
- F. V. Topping Electronics Ltd. 4.

- Berkeley Division, Beckman Instruments Inc. 3-4-7.
- Consolidated Resistance Co. of Amer. 6.
- Dawe Instruments 4.
- Donner Scientific Co. 3-4.
- Electronic Associates Inc. 3-7.
- Electronic Research Assoc. 4.
- General Magnetics Inc. 5.
- General Radio Co. 6.
- Hickok Electrical Instrument Co. 6.
- Industrial Control Co. 7.
- Industrial Test Equipment Co. 3.
- Instruments, Inc. 1-2-3-7.
- Manson Laboratories Inc. 4.
- Menlo Park Engrs. 4.
- Microwave Development Labs., Inc. 3.
- S. A. Rocher Electronique 4.
- Savage & Parsons Ltd. 7.
- Schomandi K. G. 4.
- Sensitive Research Instrument Corp. 6.
- Servo Corp. of America. 7.
- Shallcross Mfg. Co. 6.
- Sifam Electrical Instrument Co. Ltd. 6.
- Southern Instruments Ltd. 3.
- Universal Transistor Products Corp. 3-4.

N

NETWORKS

1. Crossover
 2. Directional Antenna Phasing
 3. Matching Pulse Forming
- Aircraft-Marine Prods. of Canada Ltd. 4.
 - Arrow Radio Co. 4.
 - Bayly Engrg. Ltd. 3-4.
 - Beaconing Optical & Precision Matl. 2.
 - Benco Television Associates Ltd. 3.
 - Collins Radio Co. of Canada Ltd. 1.
 - Douglas Randall (Canada) Ltd. 4.
 - Electronic Communications Ltd. 1-3.
 - Engineered Sound Systems Ltd. 4.
 - Ferranti-Packard Electric Ltd. 3.
 - Lenkurt Electric Co. of Canada Ltd. 3.
 - R. Mack Co. Ltd. 1.
 - Micarta Fabricators Ltd. 4.
 - The Plessey Co. of Canada Ltd. 1.
 - Raytheon Canada Ltd. 4.
 - Servomechanisms Canada Ltd. 4.
 - Sinclair Radio Labs. Ltd. 2.
 - Standard Television Prod. Ltd. 1.
 - The Wind Turbine Co. of Canada Ltd. 2.

- Aerialite Ltd. 2-3.
- Anderson Labs. Inc. 3-4.
- Blonder-Tongue Labs., Inc. 1.
- Carad Corp. 4.
- Corson Electric Mfg. Corp. 4.
- Dielectric Products Engineering Co., Inc. 2-3.
- Eby Sales Co. 3.
- Electronic Associates Inc. 3.
- Electronic Measurements Corp. 2.
- Electronic Specialty Co. 1-2-3-4.
- Entron, Inc. 3.
- Filtrol Co., Inc. 4.
- Jensen Mfg. Co. 1-3.
- Micamold Electronics Mfg. Corp. 4.
- National Theatre Supply Co. 1-3.
- Ortho Filter Corp. 4.
- Plastics Capacitors, Inc. 4.
- Rola Celestion Ltd. 1.
- Shallcross Mfg. Co. 4.
- Siemens & Halske A. G. 3.
- Spencer Kennedy Labs. Inc. 2.
- Sprague International Ltd. 4.
- Telephone Mfg. Co. Ltd. 3.
- Telerad Mfg. Corp. 2.
- A/S Tobias Jensen Condenser Prods. Co. Ltd.
- Transco Prod., Inc. 1-2.
- Ultradyne, Inc. 3.
- Vidale Electronics Mfg. Corp. 1.
- Wharfedale Wireless Works Ltd. 1.
- Whiteley Electrical Radio Co. Ltd. 1.

O

OHMMETERS

1. Ohmmeters
 2. Megohm-meters
 3. Micro-ohm-meters
 4. Milliohm-meters
- Automatic Electric Sales (Canada) Ltd. 1-4.
 - Bach Simpson Ltd. 1-2-4.
 - Canadian Research Institute. 1-2-3-4.
 - Daystrom Ltd. (Weston) 1-2.
 - Hackbusch Electronics Ltd. (Stromberg-Carlson) 1.
 - Philips Electronics Ind. Ltd. 1.
 - Polystronics Co. 1-2.
 - Stark Electronic Instruments Ltd. 1-3-4.
 - Tecneck Associates 1-2.
 - Thermovolt Instruments Ltd. 1-2-4.
 - A. E. G. 1-2-4.
 - Advance Components Ltd. 1.
 - Alto Scientific Co. 1.
 - Associated Research, Inc. 1-2.
 - British Physical Labs. 1-3-4.
 - A/S Bruel & Kjaer. 2.
 - Burton Rogers Co. 1.
 - Cambridge Instrument Co. Ltd. 3-4.
 - Camille Bauer Ltd. 1-3-4.
 - Chicago Industrial Instrument Co. 1-2-4.
 - Cubic Corp. 1.
 - A/S Danbridge 1.
 - Electro Instruments, Inc. 1-2.
 - Electronic Associates, Inc. 1.
 - Electronic Associates, Inc. 1.
 - Electronic Instruments Ltd. 2-3-4.
 - Electronic Measurements Corp. 1.
 - Elektromesstechnik Wilhelm Franz. 1-2-3-4.
 - Elima GmbH. 1-2-3-4.
 - Evershed & Vignoles Ltd. 1-2-4.
 - General Radio Co. 2.
 - P. Gossen & Co., GmbH. 1.
 - Hartmann & Braun A. G. 1-2-4.
 - Hewlett-Packard Co. 1.
 - Hickok Electrical Instrument Co. 1-3.
 - Hoyt Electrical Instrument Works. 1.
 - Industrial Precision Meter Co., Inc. 1.
 - Industrial Instruments, Inc. 1-2.
 - International Instruments, Inc. 1.
 - I/S Jensen Electric. 1-2.
 - Kelthley Instrument, Inc. 1-2-3.
 - Dipl. Ing. Ulrich Knick 1.
 - Metra Corp. 1-2-3-4.
 - Metrawatt A.G. 1-2-4.
 - Metropolitan Vickers Electrical Co. Ltd. 4.
 - Millivac Instr. Div. of Cohu Elec. 2-3-4.
 - Nash & Thompson Ltd. 1.
 - Non-Linear Systems, Inc. 1.
 - Phaotron Instr. & Electronic Co. 1-2.
 - Precision Apparatus Co., Inc. 1.
 - W. G. Pye Co. Ltd. 3-4.
 - Pyramid Instr. Corp. 1.
 - Radio Corp. of America. 1.
 - Radiometer. 2.
 - Ribet Desjardins 2.
 - Rohde & Schwarz 2-3-4.
 - Roller Smith Instruments, Inc. 1.
 - Sanwa Electric Instrument Works. 1.
 - Savage Co. 2.
 - Shallcross Mfg. Co. 1-2-3-4.
 - Siemens Edison Swan Ltd. 1-4.
 - Siemens & Halske A. G. 1.
 - Southern Industrial Electronics Co. 1-2.
 - Taylor Electrical Instruments Ltd. 1-2-3.
 - Triplet Electrical Instrument Co. 1.
 - Waters Mfg., Inc. 4.

OSCILLATORS

1. Audio Fork Controlled Frequency
 2. Audio Frequency
 3. Cavity
 4. Crystal
 5. Grid Dip
 6. Microwave Power
 7. Oven Crystal Control
 8. Pulsed Pushbutton
 9. Radio Frequency
 10. Sweeping
 11. Ultra-Low Frequency
 12. Ultra-Low Frequency
 13. Ultrasonic
- Airtron Canada Ltd. 6.
 - Automatic Electric Sales (Canada) Ltd. 2-9.
 - Canadian General Electric Co. Ltd. 2-10.
 - Canadian Marconi Co., Comm. Prods. Div. 2.
 - Canadian Research Institute. 2-4-5-10-12-13.

- Canadian Sonic Co. 12-13.
- Collins Radio Co. of Canada Ltd. 6-10.
- Daystrom Ltd. (Heath) 2-5-10-11.
- Edo (Canada) Ltd. 4.
- Electronic Associates Ltd. 4-11.
- Electronic Communications Ltd. 2-13.
- Ferranti-Packard Electric Ltd. 6-8.
- Hackbusch Electronics Ltd. (Stromberg-Carlson) 4-7.
- Jerrold Electronics (Canada) Ltd. 11.
- Lenkurt Electric Co. of Canada Ltd. 2-4.
- Measurement Engrg. Ltd. 2-10.
- Muirhead Instruments Ltd. 2.
- R. H. Nichols Ltd. 2.
- Northern Radio Mfg. Co. Ltd. 7.
- Philips Electronics Industries Ltd. 2-10-12.
- The Plessey Co. of Canada Ltd. 10.
- Pye Canada Ltd. TV Trans Div. 7.
- Pylon Electronic Development Co. Ltd. 2.
- Rumicon Canada Ltd. 7-10-11-13.
- Sharpe Instruments Ltd. 1-2.
- Sinclair Radio Labs. Ltd. 6.
- S. G. Smallwood Ltd. 10.
- C. R. Snelgrove Co. Ltd. 4-7.
- Sperry Gyroscope Co. 6.
- Standard Telephones & Cables Mfg. Co. 10.
- F. V. Topping Electronics Ltd. 2-4-9-10.
- TranSonic Ltd. 13.
- Triad Instruments & Controls Ltd. 2.
- Tinsley Instruments. 1-2.
- Varian Associates of Canada Ltd. 6.
- Acoustica Associates Ltd. 13.
- Advance Components Ltd. 10.
- Airborne Instruments Labs., Inc. 6-10.
- Alto Scientific Co., Inc. 2.
- American Electronics Co. 2.
- Antlab Inc. 1.
- BJ Electronics, Borg-Warner Corp. 6-8-11.
- B & K Mfg. Co. 4.
- Rex Bassett Inc. 4-5.
- Beihman Engrg. 2.
- Beckley Div. Beckman Instruments 8.
- Bliley Electric Co. 4-10.
- Bomac Labs., Inc. 3.
- Boonton Electronics Corp. 1.
- British Physical Labs. 2-8.
- S. G. Brown Ltd. 1.
- A/S Bruel & Kjaer. 2-11-13.
- Bulova Watch Co. 4-7-10.
- California Technical Ind. 6.
- Communication Measurements Lab., Inc. 1-13.
- Control Electronics Co. Inc. 4.
- The Daven Co. 2.
- Dawe Instruments Ltd. 2-10-12-13.
- Diamond Antenna & Microwave Corp. 10.
- Donner Scientific Co. 2-12-13.
- Electronic Instrument Co. Inc. 2-5.
- Electronic Measurements Corp. 2-10.
- Etelco Ltd. 2-4.
- Fisher Research Lab. Inc. 2.
- General Ultrasonic Co. 13.
- General Communications Co. 6.
- General Instrument Corp. 2-10.
- General Radio Co. 1-2-6-12-13.
- B. F. Goodrich Sponge Prods. Div. 6.
- Gulton Industries 13.
- Hewlett Packard Co. 2-4-6-10-11-12-13.
- Hoover Electronics Co. 10.
- Huggins Labs. Inc. 8.
- Hycon Eastern, Inc. 7.
- Industrial Test Equipment. 1-2-12.
- Int. Electronic Research Corp. 1-2.
- J.B.T. Instruments. 2.
- E. F. Johnson Co. 10.
- Kay Electric Co. 10-11.
- Keafort Co. Inc. 1.
- James Knights Co. 4-7.
- Kron-Hite Export Corp. 2-9-12-13.
- Wayne Kerr Labs. Ltd. 2-10.
- J. Langham Thompson Ltd. 3.
- Laboratory for Electronics Inc. 6.
- Lavoie Labs., Inc. 4-11.
- Lorain Products Inc. 10.
- Manson Labs., Inc. 4-7-10.
- Measurements, a McGraw-Edison Div. 2-3-4-5-8-10-13.
- Microwave Assoc. Inc. 6.
- Narda Ultrasonics Corp. 13.
- Nash & Thompson Ltd. 2.
- New London Instrument Co. 10.

- Phillips Control Corp. 2.
- Polarad Electronics Corp. 3-6.
- Precision Apparatus Co. Inc. 2-10-11.
- W. G. Pye Co. Ltd. 3.
- Quartzkeramik G.m.b.H. 7.
- Radio Corp. of America. 6.
- Radio Frequency Lab., Inc., Comm. Div. 2.
- Radiometer. 2-5.
- Ribet Desjardins 2-10.
- S. A. Rocher Electronique. 2.
- Rohde & Schwarz 1-2-4-6-7-8-9-10-11.
- Savage & Parsons Ltd. 10.
- Schomandi K. G. 4-10.
- Servomex Controls Ltd. 12.
- Siemens Edison Swan Ltd. 2.
- James S. Spivey Inc. 2.
- Southern Industrial Electronics Co. 2-10.
- Taylor Electrical Instruments Ltd. 10.
- Telechrome Mfg. Corp. 8.
- Telephone Mfg. Co. Ltd. 2-11.
- Telerad Mfg. Corp. 3-6.
- Tel Instrument Electronic Corp. 7-9-11.
- Traded Industries Inc. 3-4-8-10-11.
- Trad Electronics Corp. 10.
- Triplet Electrical Instrument Co. 10.
- Universal Transistor Products Corp. 1-2.
- Van Norman Industries Inc. 10.
- Varl. L. Co. Ltd. 11.
- Varo Mfg. Co. Ltd. 2.
- Venner Electronics Ltd. 2.
- Walkirt Co. 1-2-4-8.
- Wandel & Goltermann 2-10-12.
- Weinschel Engrg. & Mfg. Corp. 10.
- Winston Electronics Ltd. 2-13.

OSCILLOGRAPHS

1. Cathode Ray Camera
 2. Cathode Ray Recording, Multi-channel
 3. Direct Writing
 4. Multi-Element
 5. Recording
- Canadian General Electric Co. Ltd. 2-5.
 - Canadian Research Institute 3-5.
 - Ferranti-Packard Electric Ltd. 2.
 - Honeywell Controls Ltd. 3-4-5.
 - Philips Electronics Industries Ltd. 1-2-3-5.
 - Radio Communications Equipment & Engrg. Ltd. 1-2.
 - Acton Labs., Inc. 5.
 - Allegany Instr. Co., Inc. 2.
 - Brush Instruments, Div. of Clevite Corp. 3-4-5.
 - Cambridge Instrument Co. Ltd. 3-4-5.
 - Century Electronics & Instruments 2-3-4-5.
 - Clevite Corp. 2-3-4-5.
 - Cossor Instruments Ltd. 1-2.
 - Allen B. Du Mont Laboratories, Inc. 1-2.
 - Edin Co., Inc. 3-5.
 - Electronic Associates, Inc. 3-5.
 - Electronic Tube Corp. 1-2.
 - Fairchild Camera & Instrument Corp. 1.
 - General Communications Co. 2.
 - Hartmann & Braun A.G. 5.
 - Hasler S.A. 1-2.
 - Hathaway Instrument Co. 3-5.
 - Hughes Prods., Hughes Aircraft J. Langham Thompson Ltd. 1-3-5.
 - Mandrel Industrial Instruments 3-5.
 - Northern Radio Co., Inc. 1.
 - Offner Electronics 3-5.
 - Photon Instrument Co. 3-4-5.
 - Radio Corp. of America 3-5.
 - Sanborn Co. 3-5.
 - Savage & Parsons Ltd. 3-5.
 - Siemens & Halske A.G. 2-3-4-5.
 - Southern Instruments Ltd. 1-2-3-4-5.
 - Southern Industrial Electronics Co. 5.
 - Texas Instruments Incorporated 4.
 - Wappler, Inc. 3-4.
 - Western Products Co., Inc. 1.

OSCILLOSCOPES

1. Cathode Ray
 2. Cathode Ray, Multiple
 3. Channel
 4. Portable Projection
- Bach Simpson Ltd. 1.
 - Canadian Marconi Co., Comm. Prods. Div. 1.
 - Daystrom Ltd. (Heath) 1.

- E.M.I.-Cossor Electronics Ltd. 1-2-3.
- Northern Radio Mfg. Co. Ltd. 1.
- Philips Electronics Industries Ltd. 1-3.
- The Plessey Co. of Canada Ltd. 1-2-3.
- Radio Communications Equipment & Engrg. Ltd. 2.
- Rogers Electronic Tubes & Components Div. of Philips Electronics Ind. Ltd. 1.
- Standard Telephones & Cables Mfg. Co. 1.
- Stark Electronic Instruments Ltd. 1-3.
- Tecneek Associates 1.
- F. V. Topping Electronics. 1.
- American Electronics Labs., Inc. 1-2.
- Clough-Brengle Co. 1.
- Cossor Instruments Ltd. 1-2-3.
- Allen B. Du Mont Laboratories Inc. 1-2-3.
- Electronic Instruments Co., Inc. 1.
- Electronic Measurements Corp. 1.
- Electronic Tube Corp. 1-2.
- Empire Devices Prods. Corp. 1.
- General Communications Co. 1-2-3.
- Hasler S.A. 2.
- Hewlett Packard Co. 1-2.
- Hickok Electrical Instrument Co. 1.
- Hughes Prods., Hughes Aircraft Co. 1-3.
- Jackson Electrical Instrument Co. 1-3.
- Lavoie Labs., Inc. 1.
- Metro-Vickers Electrical Co. Ltd. 1-3.
- Nagard Ltd. 1.
- Northeastern Engineering Inc. 1-2.
- Precision Apparatus Co., Inc. 1-3-4.
- Radio Corp. of America. Radiometer. 1.
- Railway Communications Inc. 2.
- Rank Cintel Instr. 4.
- Ribet Desjardins 1-2-3.
- S. A. Rocher Electronique 1.
- Rohde & Schwarz 1-2-3.
- Siemens & Halske A.G. 4.
- W. H. Sanders (Electronics) Ltd. 2.
- Southern Instruments Ltd. 1-2.
- James S. Spivey Inc. 1.
- Sylva Electric Corp. 1.
- Tektronix Inc. 1-2-3.
- Trad Electronics Corp. 3.
- Triplett Electrical Instrument Co. 1.
- Waterman Products Co. Inc. 1-2-3.
- Waters Mfg. Inc.

OSCILLO— SYNCHROSCOPES

- Raytheon Canada Ltd.
- Electronic Tube Corp.
- Hewlett-Packard Co.
- Hughes Prods., Hughes Aircraft Co.
- Lavoie Labs., Inc.
- Ribet Desjardins
- Sylva Electric Corp.
- Waterman Products Co., Inc.

OVENS—Component or Crystal

- Canadian Motorola Electronics Ltd.
- Crown Ltd.
- Fisher Scientific Co. Ltd.
- C. R. Snelgrove Co. Ltd.
- Thermovolt Instruments Ltd.

- Bliley Electric Co.
- Bulova Watch Co.
- Electrofilm, Inc.
- Itemco, Inc.
- Kahle Engineering Co.
- James Knights Co.
- Lavoie Labs., Inc.
- Manson Laboratories, Inc.
- Nash & Thompson Inc.
- Nems Clarke, Inc.
- Northern Radio Co., Inc.
- Owen Labs Inc.
- Quarzkeramik GmbH.
- Rheem Mfg. Co.
- Robertshaw-Fulton Controls Co., The Instrument Div.
- Standard Crystal Co.
- J. Langham Thompson Ltd.

P

PAINTS

- C. Conductive R. Resistive
- Aluminum Co. Canada Ltd. C.

The Canadian Fairbanks-Morse Co. R.
Canadian Pittsburgh Industries Ltd. C.
Halliday-Armstrong Ltd. R.
The E. Harris Co. Ltd. C-R.
The Plessey Co. of Canada Ltd. R.

Emerson & Cuming, Inc. C-R.
Falstrom Co. C.
General Cement Mfg. Co. C.

PANELS

- 1. Instrument
- 2. Jack
- 3. Receiving & 4. Relay Rack
- Automatic Electric Sales (Canada) Ltd. 4.
- Autotronics Control 2.
- Aviation Electric Ltd. 1.
- Bailey Meter Co. Ltd. 1.
- Barber-Colman of Canada Ltd. 1.
- Bishop Sons & Co. Ltd. 1-2-3-4.
- The Bristol Co. of Canada Ltd. 1.
- Canadian General Electric Co. Ltd., E.E. & T.D. 2-4.
- Canadian Research Institute 1.
- Croname (Canada) Ltd. 1-3.
- Dial & Instrument Finishers Ltd. 1-4.
- Dominion Aluminum Fabricating Ltd. 1.
- Electronic Communications Ltd. 1-2-4.
- Electronic Components Ltd. 1.
- Electronic Controls Ltd. 1.
- Electronic Enterprises. 1.
- Electronic Research & Development Co. Ltd. 1-2-3-4.
- English Electric Co. of Canada Ltd. 1.
- Len Finkler & Co. 4.
- Fischer & Porter Canada Ltd. 1.
- The Foxboro Co. Ltd. 1.
- Hackbusch Electronics Ltd. (Stromberg-Carlson) 2-4.
- Hammond Mfg. Co. Ltd. 1-2-3-4.
- Hathaway Kraemer Ltd. 1-3.
- Honeywell Controls Ltd. 1-2.
- Humble Mfg. Co. Ltd. 3-4.
- Ind. Electronics Div., C. C. Meredith 1.
- Lenkurt Electric Co. of Canada Ltd. 1-2-3-4.
- Measurement Engrs. Ltd. 1-4.
- Muirhead Instruments Ltd. 1.
- National Fibre Co. of Canada Ltd. 2.
- National Sound Services Ltd. 2-4.
- Northern Electric Co. Ltd. 2-4.
- Northern Radio Mfg. Co. Ltd. 2-3-4.
- Oki & Willadsen Ltd. 1-2-3.
- Polytronics Co.
- Powertronic Equipment Ltd. 1-2-4.
- Precision Dials Ltd. 1.
- Pylon Electronic Dev. Co. Ltd. 1.
- Renfrew Electric Co. Ltd. 4.
- Standard Electric Time Co. of Canada Ltd. 1-2.
- Strippit Tool & Machine Co. 1-3-4.
- T.M.C. Canada Ltd. 2-3-4.
- Taylor Instruments Co. of Canada Ltd. 1.
- Thermo Electric Canada Ltd. 1.
- Thermovolt Instruments Ltd. 1.
- F. V. Topping Electronics Ltd. 1.
- Triad Instruments & Controls Ltd. 1.
- X-Ray & Radium Industries Ltd. 1-4.

- Alfred Imhof Ltd. 1-4.
- Amco Engineering Co. 4.
- Audio Developments Co. 2.
- Automatic Electric Co. 4.
- Automatic Timing & Controls, Inc. 1.
- Bud Radio Inc. 4.
- Cinema Eng. Div. of Aerovox. 2.
- Control Panel Corp. 1-2.
- Croname, Inc. 1.
- Decker Engineering Corp. 1.
- Dewhurst & Partner Ltd. 1.
- Dialight Corp. 2.
- Electro-Snap Corp. 1.
- Evershed & Vignoles. 1.
- Falstrom Co. 1-2-3-4.
- The Finney Co. 1-3.
- The Foxboro Co. 1-3.
- General Cement Mfg. Co. 2.
- Harwin Engineers Ltd. 1-2.
- The Keyswitch Co. 2-4.
- W. L. Maxson Co. 4.
- Meridian Metalcraft, Inc. 1.
- Metalics, Inc. 1.
- Metal Works, Inc. 1-2-3-4.
- R. W. Neill Co., Inc. 4.
- Nems Clarke Inc. 2.
- Northern Radio. Inc. 2-3-4.
- Premier Metal Products Co. 1-3-4.

Roller Smith Instruments Inc. 1.
Switchcraft Inc. 2.
Thermovolt Instruments Ltd. 1.
Trim Inc. 2.
United States Radium Corp. 1.

PAPER

- F. Facsimile R. Recording
- Canadian Charts & Supplies Ltd. R.
- Muirhead Instruments Ltd. F-R.
- Thermovolt Instruments Ltd. R.
- Alfax Paper & Engrg. Co. F-R.
- Edin Company, Inc. R.
- Dr. Ing Rudolf Heil. F.
- Rust Industrial Co., Inc. R.
- Texas Instruments Incorporated. R.
- Westronics, Inc. R.

PERMEAMETERS—High H
Boesch Manufacturing Co. Inc.
Cambridge Instrument Co. Ltd.

PHONOGRAPHS

- Addison Industries Ltd.
- Canadian General Electric Co. Ltd.
- Clairtone Sound Corp. Ltd.
- Dominion Electrohome Industries Ltd.
- Electronic Communications Ltd.
- Electronic Enterprises Ltd.
- Hackbusch Electronics Ltd. (Stromberg-Carlson)
- Hallicrafters-Canada Ltd.
- Monarch Radio Mfg. Co.
- RCA Victor Co., Ltd.
- Sea Breeze Mfg. Ltd.
- Shelburn Industries (Canada) Ltd.
- Birmingham Sound Reproducers Ltd.
- Collaro Ltd.
- Dual, Gebr. Steidinger
- Dukane Corp.
- Lenco Goldring Mfg. Co. Ltd.
- Lesa Costruzioni Elettromeccaniche
- Luxor Radio A.B.
- Merco Recording Co., Inc.
- Perpetuum—Ebner
- Pilot Radio Corp.
- The Trix Electrical Co. Ltd.

PHOTO-ETCHED COMPONENTS

- Allied Circuit Techniques Ltd.
- Dial & Instrument Finishers Ltd.
- Electronic Communications Ltd.
- Oki & Willadsen Ltd.
- Polytronics Co.
- Spaulding Fibre Co. of Canada Ltd.
- United-Carr Fastener Co. of Canada Ltd.
- X-Ray Radium Industries Ltd.
- Cinch Mfg. Co.
- Sanders Associates, Inc.

PHOTOFLASH EQUIPMENT—Electronic

- Electronic Communications Ltd.
- Ferranti-Packard Electric Ltd.
- Honeywell Controls Ltd.
- Micarta Fabricators Ltd.

- Clive Courtney & Co. Ltd.
- Dawe Instruments Ltd.
- Drello Ing. Paul Drellwell
- Edwards High Vacuum Ltd.
- General Radio Co.
- Illinois Condenser Co.
- Nema-Clark Co.
- Sprague International Ltd.
- Ernest Turner Electrical Instruments Ltd.
- Welch Mfg. Co.
- Winston Electronics Ltd.

PHOTOMETERS

- Canadian Research Institute
- E.M.I.-Cossor Electronics Ltd.
- Electronic Communications Ltd.
- Vector Labs. Inc.

- A. E. G.
- Beckman Instruments, Inc., Scientific Div.
- Dawe Instruments Ltd.
- Eldorado Electronics Co.
- P. Gossen & Co. GmbH.
- Dr. B. Lang
- Metrawatt A.G.
- Nuclear Corp. of America, Instrument Div.
- Photovolt Corp.
- S. A. Rocher Electronique
- Spectrol Electronics Corp. 7.
- Welch Mfg. Co.
- Beacons Optical & Precision
- Matlis. Co. Ltd.

PICKUP UNITS—Mobile TV

Canadian General Electric Co. Ltd.
• E.M.I.-Cossor Electronics Ltd.
• Jerrold Electronics (Canada) Ltd.
• Pye Canada Ltd., TV Trans. Div.
• RCA Victor Co. Ltd.

Grundig Radio Werke
Japan Piezo Electric Co. 4.
Ling Systems, Inc.
• Philco Corp., Gov. & Ind. Div.
• Radio Corp. of America
• Sarkes Tarzian, Inc.
• Telefunken, GmbH.

PICKUPS

- 1. Industrial 4. Quartz
- 2. Magnetic Crystal
- 3. Photoelectric
- Aviation Electric Ltd. 2.
- Canadian Astatic Ltd. 1-4.
- Electronic Associates Ltd. 1-2-3.
- EV of Canada Ltd. 4.
- Monarch Radio Mfg. Co. 4.
- National Semiconductors Ltd. 3.
- Polytronics Co. 3.
- Regency Electronics Ltd. 4.
- Transonic Ltd. 1.
- Vector Labs., Inc. 3.
- Collaro Ltd. 4.
- Cosmocond Ltd. 4.
- Dawe Instruments Ltd. 3.
- Drello Ing. Paul Drellwell. 1.
- Dyna, Inc. 2.
- Electroacoustic GmbH. 2.
- Electro Mechanisms Ltd. 1-2-4.
- Electro Sonic Labs., Inc. 2.
- Endeavor Corp. 1.
- General Cement Mfg. Co. 2.
- General Radio Co. 4.
- The Golding Mfg. Co. 2-4.
- Hewlett-Packard Co. 3.
- Jensen Industries, Inc. 2-4.
- Kistler Instruments Co., Inc. 1-4.
- J. Langham Thompson Ltd. 1.
- H. J. Leak & Company Ltd. 2.
- Mannheim Mfg. & Belling Co. 1.
- Pickering & Co., Inc. 2.
- S. A. Rocher Electronique 3.
- Schaeffert Engrg. 1.
- Southern Instruments Ltd.
- A. R. Sugden & Co. Ltd. 2.

PILOT LIGHT ASSEMBLIES

- Addison Industries Ltd.
- Hackbusch Electronics Ltd. (Stromberg-Carlson)
- United-Carr Fastener Co. of Canada Ltd.
- Aerolite Electronics Corp.
- Allard Instrument Corp.
- Amatone Electronic Hardware Co., Inc.
- Circon Component Co.
- Dialight Corp.
- Drake Mfg. Co.
- Eagle Electric Mfg. Co. Inc.
- Eby Sales Co.
- The English Glass Co. Ltd.
- Heyman Mfg. Co.
- Hehrington, Inc.
- Industrial Devices Inc.
- E. F. Johnson Co.
- Norden Div., United Aircraft Corp.
- Permonite Mfg. Co.
- Transistor Electronics Corp.
- Ucinite Co.

PLATES

- 1. Instruction 3. Plastic
- 2. Name Lighting
- Allied Circuit Techniques Ltd. 2.
- Avery Adhesive Label Corp. Can. Ltd. 1-2.
- Canadian Charts & Supplies Ltd. 1-2.
- Canadian Research Institute. 2.
- Dial & Instrument Finishers Ltd. 1-2-3.
- The Foxboro Co. Ltd. 2.
- Hathaway Kraemer Ltd. 2-3.
- London Wood & Plastics Ltd. 1.
- National Fibre Co. of Canada Ltd. 2.
- Oki & Willadsen Ltd. 1-2-3.
- Powertronic Equipment Ltd. 2.
- Precision Dials Ltd. 1-2.
- Radelin Ltd. 2-3.
- Richardson-Allen of Canada Ltd. 1-2-3.
- Spaulding Fibre of Canada Ltd. 1-2.
- X-Ray & Radium Industries Ltd. 1-2-3.
- Allied Plastics Supply Corp. 1-2-3.
- Audio Development Co. 2.
- W. H. Brady Co. 1-2.
- Croname, Inc. 1-2.
- Electronic Research & Development Co. Ltd. 2.

Formica Ltd. 1-2.
Fuze-On Products 1-2.
Metallics Inc. 1-2.
Mico Instrument Co. 2-3.
North Shore Nameplate Inc. 1-2.
Peerless Prod. Industries. 2.
United States Radium Corp.
1-2-3.
Waldom Electronics Inc. 2.

PLUGS

1. Telephone 3. Other
2. Terminal

Amalgamated Electric Corp. Ltd.
1-2.
Amphenol Canada Ltd. 1-2-3.
Automatic Electric (Canada)
Ltd. 1.
Campbell Mfg. Co. Ltd. 3.
Canadian General Electric Co.
Ltd., E.E. & T.D. 1.
Electronic Components Ltd. 3.
Electronic Materials Int'l. Ltd.
Ericsson Telephone Sales of
Canada Ltd. 1-2.
H. B. Etlin Co. Ltd. 3.
Hackbusch Electronics Ltd.
(Stromberg-Carlson)
Honeywell Controls Ltd. 3.
Lenkurt Electric Co. of Canada
Ltd. 2-3.
R. Mack & Co. Ltd. 1.
Northern Electric Co. Ltd. 1.
Powertronic Equipment Ltd. 3.
Standard Electric Time Co. of
Canada Ltd. 3.
Thermo Electric Canada Ltd. 3.
United-Carr Fastener Co. of
Canada Ltd. 1-2-3.

Aerialite Ltd. 3.
Aerolite Electronics Corp. 1-2-3.
Amatom Electronic Hardware
Co., Inc. 1-3.
Amplivox Ltd. 3.
Audio Development Co. 1-2.
Automatic Electric Co. 1.
Automatic & Precision Mfg. Co.
3.
Belling & Lee 2-3.
Birnbach Radio Co., Inc. 1-2-3.
A. F. Bulgin & Co. Ltd. 1-2.
Carling Electric Inc. 1.
Carter Parts Co. 1.
Cinch Mfg. Co. 2-3.
Cinema Eng. Div. of Aerovox. 1.
Commercial Plastics Co. 1-2-3.
Electrocraft Inc. 1.
Etelco Ltd. 1.
The Finney Co. 1-2-3.
General Cement Mfg. Co. 1.
General Radio Co. 3.
Gulton Industries, Inc. 3.
Harwin Engineers Ltd. 2-3.
Henry & Thomas Ltd. 2.
Herman & Smith Inc. 3.
Industrial Prods. Co. 2-3.
Keystone Electronics Corp. 3.
The Keyswitch Co. 1.
Lerco Electronics Inc. 2.
Litton Industries Components
Div. 2.
Malco Mfg. Co. 2.
The McMurdo Instrument Co.
Ltd. 2.
National Tel-Tronics Corp. 3.
Nems Clarke, Inc. 3.
Painton & Co. Ltd. 2.
Richards Electrocraft Inc. 1.
Siemens & Halske A.G. 3.
Superior Electric Co. 3.
Switchcraft, Inc. 1.
Trimmi, Inc. 1.
Ucinite Co. 2-3.
Vector Electronic Co. 2.
W. M. Welch Mfg. Co. 1.
Waltham Horological Corp. 1.
Whiteley Electrical Radio Co.
Ltd. 2-3.

POSTS—Binding

American Superior Electric Co.
Ltd.
Amphenol Canada Ltd.
Raytheon Canada Ltd.
Standard Electric Time Co. of
Canada Ltd.
United-Carr Fastener Co. of
Canada Ltd.
Y. W. Small Parts Ltd.
Aerolite Electronics Corp.
Alcon Metal Products, Inc.
Amatom Electronic Hardware
Co., Inc.
Belling & Lee Ltd.
Birnbach Radio Co., Inc.
Cinch Mfg. Co.
Commercial Plastics Co.
Eby Sales Co.
Elco Corp.
Firma Tage Schouboe.
General Cement Mfg. Co.
General Radio Co. 7.
Grayhill, Inc.
Harwin Engineers Ltd.
Herman & Smith Inc.

E. F. Johnson Co.
J. Johnson Co.
Keystone Electronics Corp.
Litton Industries Inc.
Malco Tool & Mfg. Co.
National Co., Inc.
National Tel-Tronics Corp.
Siemens Edison Swan Ltd.
Herman H. Smith, Inc.
Superior Electric Co.
Waldom Electronics Inc.

POTENTIOMETERS

1. Absolute Pressure 6. Precision Carbon Film
2. Differential Pressure 7. Precision Wire Wound
3. Induction 8. Rectilinear
4. Initial Condition
5. Precision Auto Transformer
Allen-Bradley Canada Ltd. 6.
Barber-Colman of Canada Ltd. 1.
The Bristol Co. of Canada Ltd.
1-2.
Daystrom Ltd. 3-7.
Douglas Randall (Canada) Ltd.
6-7-8.
Ferranti-Packard Electric Ltd. 7.
The Garrett Mfg. Corp. of
Canada Ltd. 1-2-5.
General Controls Co. Ltd.
Helipot Div., Beckman Instr.
Inc. 3-7-8.
Honeywell Controls Ltd. 1-2.
Muirhead Instruments Ltd. 7.
The Plessey Co. of Canada Ltd.
6-7.
Renfrew Electric Co. Ltd. 2-7.
Servomechanisms (Canada) Ltd.
6.
S. Smith & Sons (Canada) Ltd.
1-2.
Taylor Instrument Cos. of
Canada Ltd. 1-2.
Thermovolt Instruments Ltd.
1-2-3.
Tinsley Instruments (Canada)
Ltd. 7-8.
Waterbury Pressed Metal Co.
Welwyn Canada Ltd. 6-7.

Analogue Controls Inc. 7.
Borg Equip. Div., Amphenol-
Borg Electronics Corp. 7.
Bournes Lab., Inc. 1-2-3-6-7-8.
S. G. Brown Ltd. 7.
Cambridge Instrument Co. Ltd.
7.
Centralab Div., Globe-Union Inc.
7.
Chadwick Helmut Co. 7.
Chicago Telephone Supply Corp.
6-7-8.
Circuit Instruments Inc. 1-6-7.
Claroat Mfg. Co., Inc. 6-7.
Colvern Ltd. 7-8.
Consolidated Resistance Co. of
America 1.
Dale Prod. Inc. 6-7.
Decker Engineering Corp. 2.
DeJur-Amsco Corp. 7-8.
Diehl Mfg. Co. 3.
Egen Electric Ltd. 6.
Electro Measurements Inc. 5-7.
Elektromesstechnik Wilhelm
Franz 7.
Fairchild Controls Corp. 1-2-6-7-
8.
P. X. Fox Ltd. 7-8.
The Gamewell Co. 7.
General Cement Mfg. Co. 6-7.
General Radio Co. 7.
Guidance Controls Corp. 6-7-8.
Haenni & Co. A.G. 1-2.
Humphrey, Inc. 4-7-8.
J. Langham Thompson Ltd.
1-2-7.
Lesa Costruzioni Elettro-
meccaniche.
Litton Industries, Inc. 7.
P. R. Mallory & Co. Inc. 7.
Maurey Instrument Corp. 7.
Muirhead & Co. Ltd. 7.
Norden Div., United Aircraft
Corp. 1-2-3-7-8.
Ohmite Mfg. Co.
Pacific Scientific Co. 7-8.
Rahm Instruments Div. U. S.
Gauge. 1-2.
George Rattray Inc. 7.
Reeves Instrum Corp. 3.
San Fernando Electric Mfg. 7.
Schaeffler Eng'g. 3.
Spectrol Electronics Corp. 2-7.
Steatit Magnesia A. G. 6-7.
Technology Instrument Corp.
1-2-6-7-8.
Telectro Industries Corp. 1-2.
J. Langham Thompson Ltd. 1-2.
Waters Mfg., Inc. 6-7.
Wirt Co. 1.

POWER SUPPLIES

1. ac 6. Microwave
2. dc 7. Regulated
3. High Volt- 8. Transistor
age 9. Variable
4. Klystron 10. Voltage
5. Magnetic Regulated
Acme Electric Corp. Ltd.
1-2-3-5-6-7-8-9.
Addison Industries Ltd. 1-2-3-7-8-
9-10.
Aircraft Appliances & Eqp. Ltd.
1-2-5-7-8-10.
Aircraft-Marine Prods. of
Canada Ltd. 3.
Amalgamated Electric Corp. Ltd.
1-2-3.
Associated Electronic Compon-
ents. 10.
Automatic Electric (Canada) Ltd.
2.
Aviation Electric Ltd. 1-2-3-7-8-
10.
Beaconing Optical & Precision
Matls. Co. Ltd. 6-7-10.
Beco Television Associates Ltd.
8.
Canadian Atlas Transformer Co.
1-2-3-4-7-8-10.
Canadian General Electric Co.
Ltd. 1-2-3-4-8-10.
Canadian Line Materials Ltd. 2-
6-7-8-10.
Canadian Motorola Electronics
Ltd. 6.
Canadian Research Institute 1-2-
3-7-8-9-10.
Canadian Westinghouse Co. Ltd.
3-4-6-7-8-9-10.
Collins Radio Co. of Canada
Ltd. 1-2-3-4-5-6-7-8-9-10.
Dominion Electrohome Indus-
tries Ltd. Tech. Prod. Div. 2.
Electronic Associates Ltd.
2-3-7-10.
Electronic Communications Ltd.
1-2-3-7-8-9-10.
Electronic Controls Ltd. 1-2-3-4-
5-6-7-8-9-10.
Electronic Materials Int'l. Ltd.
1-2-7-8-9-10.
Electronic Research & Dev. Co.
Ltd. 2-3-7-10.
Engineered Sound Systems Ltd.
2-3.
Ferranti-Packard Electric Ltd.
2-8-10.
Fisher Research Lab., Ltd. 2.
General Instrument—F. W.
Sickles of Canada Ltd. 8.
Gomard Electronics Ltd. 2-3-7-
9-10.
Hammond Mfg. Co. Ltd. 8.
Ind. Electronics, Div. C. C.
Meredith 1-2-5-7-8-9-10.
Lenkurt Electric Co. of Canada
Ltd. 1-2-3-4-6-7-8-10.
Lucas-Rotax Ltd. 1-2-7-8-9-10.
McCurdy Radio Industries Ltd.
2-3-7-8-9-10.
Measurement Engrg. Ltd. 7.
Mechron Engrg. Prods. Ltd. 1.
Moloney Electric Co. of Canada
Ltd. 1.
National Sound Services Ltd. 1-2.
R. H. Nichols Ltd. 2-7.
Northern Electric Co. Ltd. 1-2-
7-8.
Northern Radio Mfg. Co. Ltd. 2-
7.
Osborne Electric Co. Ltd. 2-3.
The Plessey Co. of Canada Ltd.
2-7-10.
Powertronic Equipment Ltd. 2-7-
8-9-10.
Pye Canada Ltd., TV Trans.
Div. 2-4-10.
Pylon Electronic Dev. Co. Ltd.
1-2-8.
Raytheon Canada Ltd. 1-2-3-10.
Research Industries Ltd.
1-2-7-8-9-10.
Richardson-Allen of Canada Ltd.
2-3-5-7-8-9-10.
Servomechanisms (Canada) Ltd.
1-2-7-8-9-10.
Sinclair Radio Labs. Ltd. 4-6-8.
Sola Electric (Canada) Ltd. 1-2-5-
7-8-9-10.
Spilsbury & Tindall Ltd. 1-2-8.
Standard Electric Time Co. of
Canada Ltd. 9.
Standard Telephones & Cables
Mfg. Co. 2-7.
Tecneek Associates 1-2-7-10.
Tele-Radio Systems Ltd. 8.
T.M.C. (Canada) Ltd. 2.
F. V. Topping Electronics.
1-2-8-9-10.
Triad Instruments & Controls
Ltd. 2-8-10.
Varian Associates of Canada
Ltd. 4.
Vector Labs. Inc. 1-2-7-10.
Ward Leonard of Canada Ltd.
2-5-7-8-10.

Advance Components Ltd. 1-2-7-
8-9-10.
Airmec Ltd. 4.
Airtax Products. 1-5.
All Power Transformers Ltd.
3-4-7-8-9-10.
Alto Scientific Co., Inc. 2-8.
American Electronic Labs, Inc.
1-2-7-8.
Arcuswerke 1-2-3-4-5-6-7-8-9-10.
Arnold Magnetics Corp.
1-2-3-5-7-8-9-10.
Arnoux Corp. 1-3-5-7-8-10.
Associated Research, Inc.
Export Dept. 1-2-3-9.
Automatic Electric Co. 2.
Automatic Mfg. Div. of General
Instrument Corp. 8.
Baird-Atomic, Inc. 3.
Behlman Engrg. Co. 1-7-9-10.
Berkeley Div., Beckman Insts.,
Inc. 2-10.
Beto Electric Corp. 3.
BJ Electronics. 3.
Brandenburg Ltd. 2-3-4-7-9-10.
Buckleys (Ural) Ltd. 3.
Burroughs Corp. 2-10.
California Computer Products.
7-8-10.
Christie Electric Corp.
2-5-7-9-10.
Cinema Engrg., Div. Aerovox
Corp. 2.
Communication Measurements
Lab. 1-9.
Consenser Prods. Co. 1-2-3-7-8-
9-10.
Control Electronics Co., Inc.
7-10.
Control Panel Corp. 1-2-7-8-9-10.
Frank R. Cook Co. 2.
Cornell-Dubilier Electric Corp.
1-2.
Cossor Instruments Ltd. 8.
The S. H. Cough Co. Inc. 2.
Cubic Corp. 4.
Dawe Instruments Ltd. 4.
De Mornay Bonardi 4.
Del Electronics Corp. 1-2-3-7-9-
10.
Dressen-Barnes Corp. 1-2-3-5-7-
8-9-10.
The Electric Construction Co.
1-2-10.
Electric Specialty Co. 1-2.
Electro Development Corp. 8.
Electro Engrg. Works 2-3-4-6.
Electro Prods Labs Inc. 1-2-10.
Electronic Associates Inc. 2-7-8.
Electronic Instrument Co., Inc.
8.
Electronic Instruments Ltd. 3.
Electronic Research Assoc., Inc.
1-2-3-7-8-9-10.
Electronic Specialty Co. 8.
Electronic Tube Corp. 1-3-7.
Electronic Measurements Co.
Inc. 2-7-8-9-10.
Empire Devices Prod. Corp.
1-2-3-7-9-10.
Endevco, Corp. 7-10.
Entron, Inc. 10.
FXR, Inc. 4-6.
Fanstee Metallurgical Corp.
2-10.
Ferrotron Electronics Co., Inc.
1-2-3-5-7-8.
Film Capacitors Inc.
2-4-7-8-9-10.
Filtcon Co., Inc. 1-3.
John Fluke Mfg. Co. Ltd.
2-3-4-7-8-9-10.
General Magnetics, Inc. 5.
General Radio Co. 1-2-9.
General Radiological Ltd. 3-10.
Gow-Mac Instrument Co. 10.
Greenleaf Mfg. Co. 1-2.
Gulton Industries, Inc. 2.
Harrison Labs. 2-3-7-8-9-10.
Hermetic Seal Transformer Co.
2-5.
Hewlett-Packard Co.
2-3-4-6-7-8-9-10.
Inet Div. Leach Corp. 2-7-10.
Isotope Devel. Ltd. 3-10.
Jordan Electronics Co. Ltd. 8.
Kasama Co. Ltd. 1-2-3-7-10.
Kepco Labs., Inc.
1-2-3-4-5-6-7-8-9-10.
Keystone Prods. Co. 3-5-8.
Kin-Tel. 2-7-9-10.
Krohn-hite Export Corp. 2-3-7-10.
Kupfrian Mfg. Corp. 8.
J. Langham Thompson Ltd.
7-8-9-10.
Leach Corp. 1-2-3-5-7-8-9-10.
Levinthal Electronic Prods. Inc.
4-6-7-9-10.
Lorain Products Corp. 2-10.
Magnetics, Inc. 5.
Manson Laboratories, Inc.
1-2-3-4-6-7-9-10.
Microwave Development Labs.,
Inc. 4.
Millivac Instruments. 1-7-10.
Motor Generator Corp. 1-2.
Murphy Radio Ltd. 1-2-7.
NJE Corp. 1-2-3-5-7-8-9-10.
Narda Microwave Corp. 4-6.

R. W. Neill Co., Inc. 2.
Neutronic Associates.
1-2-3-7-9-10.
Newton Bros. (Derby) Ltd.
1-3-7-10.
Northeast Scientific Corp.
2-3-4-6-7-9-10.
Nugent Electronics Co. 8.
Nutron Mfg. Co. Inc. 1-2-3-7-10.
Opad Electric Co.
1-2-3-4-5-6-7-8-9-10.
Oregon Electronic Mfg. Co.
1-2-3.
Owen Labs, Inc. 1-2-7-8-9-10.
Perkin Engng. Corp. 1-2-5-7-8-9-10.
Peschel Electronics Inc.
1-2-3-4-6-7-9-10.
Phillips Control Corp.
2-3-7-8-9-10.
Plastic Capacitors Inc.
3.
Polarad Electronics Corp. 4-6.
Polytronics Co. 10.
Pyroferic Co., Inc. 8.
Quan-Tech Labs. 2-3-8-9-10.
Racal Engng. Ltd. 2-7-8-10.
Radio Frequency Lab Inc.
7.
Rheem Mfg. Co. 1-2-8-10.
Ribet Desjardins 2-9-10.
S. A. Rocher Electronique 2-3-7-9-10.
Rohde & Schwarz 4-6.
W. H. Sanders (Electronics) Ltd. 4.
Savage & Parsons Ltd. 1-2.
Schauer Mfg. Corp. 2-7-10.
Servomex Controls Ltd. 2-8-9-10.
Siemens Edison Swan Ltd.
7-9-10.
Siemens & Halske A.G. 9.
Slaughter Co. 2-3-9.
The Solartron Electronic Group Ltd. 1-2-7-9-10.
Solut Electronic Tubes Ltd. 3.
Sorensen & Co., Inc. 1-2-5-7-8-9-10.
Southwestern Industrial Electronics Co. 8.
Special Products Div. Servo-mechanisms, Inc. 5-7-8.
Spellman High Voltage Co. 3-7.
The Superior Electric Co. 1-2-5-7-9-10.
Technology Instrument Corp. 1-5.
Tel Instrument Electronic Corp. 1.
Telechrome Mfg. Corp. 1-2-7-10.
Telectro Industries Corp. 1-2-8.
Telephone Mfg. Co. Ltd. 2-7-10.
Telrad Mfg. Corp. 4-6-8.
Telephonics Lab., Inc. 1-2-7.
Television Utilities Corp. 1-2.
Torotel, Inc. 8.
Transistor Devices, Inc. 2-7-8-10.
Trans Electronics, Inc.
1-2-3-7-8-9-10.
Transval Engineering Corp.
1-3-8-9-10.
Ultradyne Inc. 1-2-3-7-8-9-10.
Universal Atomics Corp. 1-2-3-7-8-10.
Universal Transistor Prods. Corp. 1-2-3-4-5-7-8-9-10.
Valor Electronics, Inc. 2-7-8-9-10.
Van Nuys Industries, Inc.
1-2-3.
Varo Mfg. Co., Inc. 1-2-3-7-8-10.
Vectrol Engng., Inc. 2-3-7-10.
Venner Electronics Ltd. 8.
Vibration Research Labs Inc. 8.
Walker Rectifier Co. 2-10.
Wappler, Inc. 2.
Waveline Inc. 6.

PRE-AMPLIFIERS for COMMUNICATION RECEIVERS

Addison Industries Ltd.
Canadian General Electric Co. Ltd.
Collins Radio Co. of Canada Ltd.
E.M.I.-Cossor Electronics Ltd.
Electronic Materials Int'l. Ltd.
Electronic Research & Development Co. Ltd.
Erickson Telephone Sales of Canada Ltd.
Ferranti-Packard Electric Ltd.
Northern Radio Mfg. Co. Ltd.
The Plessey Co. of Canada Ltd.
Pylon Electronic Dev. Co. Ltd.
Raytheon Canada Ltd.
T.M.C. (Canada) Ltd.
Tele-Radio Systems Ltd.

Amplivox Ltd.
Applied Research Inc.
A. R. & T. Electronics Inc.
Dukane Corp.
Nems Clarke, Inc.
Redifon England Ltd.
Radio Corp. of America.
Telefunken GmbH.
Universal Transistor Prods. Corp.

Waterman Products Co., Inc.
Whiteley Electrical Radio Co. Ltd.

PRE-AMPLIFIERS for OSCILLOSCOPES

Addison Industries Ltd.
Collins Radio Co. of Canada Ltd.
E.M.I.-Cossor Electronics Ltd.
Electronic Enterprises.
Jerrold Electronics (Canada) Ltd.
Philips Electronics Industries Ltd.
Advance Components Ltd.
Allied Research Inc.
British-Physical Labs.
Burr Brown Corp.
Allen B. Du Mont Laboratories, Inc.
Electronic Tube Corp.
Hewlett-Packard Co.
Hughes Aircraft Co.
Kay Electric Co.
Millivac Instruments.
Nems Clarke Co.
Radio Corp. of America.
Railway Communications, Inc.
Southern Instruments Ltd.
Sylvania Electric Corp.
Tektronix Inc.
Waterman Products Co. Inc.

PRE-AMPLIFIERS—Phonograph

Addison Industries Ltd.
Canadian General Electric Co. Ltd.
Daystrom Ltd. (Heath)
Electronic Communications Ltd.
Engineered Sound Systems Ltd.
EV of Canada Ltd.
Hackbusch Electronics Ltd. (Stromberg-Carlson)
R. Mack & Co. Ltd.
McCurdy Radio Industries Ltd.
Northern Electric Co. Ltd.
F. V. Topping Electronics Ltd.
RCA Victor Company Ltd.
Acoustical Mfg. Co. Ltd.
Altec Lansing Corp.
David Bogen Co. Inc.
Dukane Corp.
Dyna, Inc.
Electronic Instrument Co. Inc.
Electro Voice Inc.
H. J. Leak and Company Ltd.
Lustraphone Ltd.
Mark Simpson Mfg. Co. Ltd.
McIntosh Lab., Inc.
Phaoston Instrument & Electronic Co.
Pilot Radio Corp.
Precision Electronics, Inc.
Rhein Sound Systems.
Stromberg Carlson Inc.
The Trix Electrical Co. Ltd.
Webster Electric Co.
Whiteley Electrical Radio Co. Ltd.

PRESSURIZATION UNITS

Aviation Electric Ltd.
The Garrett Mfg. Corp. of Canada Ltd.

Eastern Industries, Inc.
Great Lakes Mfg. Corp.

PRINTERS

1. High Speed 3. Line
2. Keyboard
International Business Machines Co. Ltd. 1-2-3.
Hackbusch Electronics Ltd. (Stromberg-Carlson) 1.
Berkeley Div., Beckman Inst., Inc. 1-3.
Computer Measurements Corp.
Electro Instruments Inc. 1.
Electronic Associates Inc. 1.
Dr. Ing. Rudolf Hell. 1.
Hewlett Packard Co. 3-1.
Non-Linear Systems. 2.
Potter Instrument Co. 1.
Radiation, Inc. 1.

PROBES

1. High Frequency 3. Microwave
2. High Voltage 4. Other
Autotronics Control 4.
Bach Simpson Ltd. 1-2.
Daystrom Ltd. (Heath) 1.
Electronics Corp. of America (Canada) Ltd. 4.
Renfrew Electric Co. Ltd. 4.
Sinclair Radio Labs Ltd. 1-3-3-4.
Stark Electronic Instruments Ltd. 1-2.

Aero Research Instr. Co., Inc. 4.
Aerolite Electronics Corp. 4.
Airtrol, Inc. 3.
Arnoux Corp. 4.
BJ Electronics. 4.
Bogart Mfg. Corp. 3.
Diamond Antenna Microwave Corp. 3.
Douglas Microwave Co., Inc. 3.
Allen B. Du Mont Labs., Inc. 1.
Electronic Instrument Co., Inc. 1-2-4.
FXR, Inc. 3.
Fenwal Electronics, Inc. 4.
General Cement Mfg. Co. 1-2-3-4.
Gulton Industries, Inc. 4.
Hewlett-Packard Co. 1-2-3.
Hickok Electrical Instrument Co. 2.
Jackson Electrical Instr. Co. 2.
Kay Electric Co. 1-3-4.
Kingston Electronics Corp. 4.
Lintronic Ltd. 2.
Measurements, a McGraw-Edison Div. 1.
Meridian Metalcraft, Inc. 3.
Narda Microwave Corp. 3.
Phaoston Instrument & Electronic Co. 1-2.
Polarad Electronics Corp. 3.
Radio Corp. of America. 3.
S. A. Rocher Electronique 1-3-4.
Rohde & Schwarz 1-2.
Sensitive Research Instrument Corp. 2.
Slaughter Co. 1.
Tektronix, Inc. 1.
Telrad Mfg. Corp. 3.
Triplett Electrical Instrument Co. 1.
Waterman Products Co. Inc. 1-4.
Welwyn Electrical Labs Ltd. 2.

PUBLIC ADDRESS SYSTEMS

Addison Industries Ltd.
Amalgamated Electric Corp. Ltd.
Audio Vox Intercom., Inc.
Automatic Telephone & Sound Services Ltd.
Dominion Electrohome Industries Ltd. Tech. Prod. Div.
E.M.I.-Cossor Electronics Ltd.
Electronic Communications Ltd.
Electrolab.
Electronic Enterprises.
Electronic Research & Development Co. Ltd.
Electro-Vox Intercom. Inc.
Engineered Sound Systems Ltd.
Erickson Telephone Sales of Canada Ltd.
EV of Canada Ltd.
Hackbusch Electronics Ltd. (Stromberg-Carlson)
Measurement Engng. Ltd.
Industrial & Institutional Communications Ltd.
McCurdy Radio Industries Ltd.
National Sound Services Ltd.
Northern Electric Co. Ltd.
Peffer Sound Systems Ltd.
Radio Communications Equipment & Engng. Ltd.
Tele-Radio Systems Ltd.
F. V. Topping Electronics Ltd.

Altec-Lansing Corp.
Atlas Sound Corp.
David Bogen Co. Inc.
Budelman Electronics Corp.
Dukane Corp.
Lake Manufacturing Co., Inc.
H. J. Leak & Co. Ltd.
Lowell Mfg. Co.
Mark Simpson Mfg. Co. Inc.
National Theatre Supply Co.
R. W. Neill Co., Inc.
Phaoston Instrument & Electronic Co.
Rauland Borg Corp.
Rhein Sound Systems, Inc.
Siemens & Halske A.G.
Mark Simpson Mfg. Co. Inc.
Telectro Industries Corp.
Telefunken, GmbH.
Transatlantic Mfg. Co.
The Trix Electrical Co. Ltd.
Webster Electric Co.
Whiteley Electrical Radio Co. Ltd.

R

RACKS—Mounting & Relay

Automatic Electric (Canada) Ltd.
Bishop Sons & Co. Ltd.
Canadian General Electric Co. Ltd.
Canadian Research Institute.
Collins Radio Co. of Canada Ltd.
Dominion Aluminum Fabricating Ltd.
Electronic Communications Ltd.

Electronic & Research & Development Co. Ltd.
Engineered Sound Systems Ltd.
Hackbusch Electronics Ltd. (Stromberg-Carlson)
Hammond Mfg. Co. Ltd.
Humble Mfg. Co. Ltd.
Lenkurt Electric Co. of Canada Ltd.
Measurement Engng. Ltd.
National Sound Services Ltd.
Northern Electric Co. Ltd.
Northern Radio Mfg. Co. Ltd.
RCA Victor Co. Ltd.
Renfrew Electric Ltd.
Research Industries Ltd.
Spilsbury & Tindall Ltd.
T.M.C. (Canada) Ltd.

Amco Engng. Co.
Automatic Electric Co.
Bud Radio Inc.
Craig Systems Inc.
Falstrom Co.
The Finney Co.
Heldor Mfg. Co., Inc.
Alfred Imhof Ltd.
The Keyswitch Co.
Lord Mfg. Co.
Metal Works, Inc.
Northern Radio Co., Inc.
Premier Metal Products Co.
Rauland Borg Corp.
Robinson Aviation, Inc.
Savage & Parsons Ltd.
Alois Zettler, GmbH.

RADAR SYSTEMS

Aviation Electric Ltd.
Beaconing Optical & Precision Maths. Co. Ltd.
Canadian Applied Research Ltd.
Canadian General Electric Co. Ltd.
Canadian Westinghouse Co. Ltd.
Collins Radio Co. of Canada Ltd.
Decca Radar (Canada) Ltd.
Phileo Corp. of Canada Ltd.
Radio Communications Equipment & Engng. Ltd.
Raytheon Canada Ltd.
Sylvania Electric Canada Ltd.
Sperry Gyroscope Co.
Spilsbury & Tindall Ltd.
RCA Victor Co. Ltd.

Airborne Instruments Labs., Inc.
Airtrol Inc.
Bendix Aviation Corp.
Decca Radar Ltd.
Dunn Engineering Associates Inc.
Ferranti Ltd.
Gilfillan Bros. Inc.
General Instrument Corp.
Levinthal Electronic Prods. Inc.
Murphy Radio Ltd.
Norden Div., United Aircraft Corp.
Telrad Mfg. Corp.

RADIOSONDES

Canadian Motorola Electronics Ltd.
General Instrument—F. W. Sickles of Canada Ltd.
George Kelk Ltd.
The Plessey Co. of Canada Ltd.
F. V. Topping Electronics Ltd.

A. S. Brown Ltd.
Bendix Aviation Corp.
Triad Insts. & Controls Ltd.
Rotronic Corp. Ltd.
F. W. Sickles Div. of General Instrument Corp.
A. Sprenger
Whiteley Electrical Radio Co. Ltd.

RADOMES

Dominion Aluminum Fabricating Ltd.
Fleet Mfg. Ltd.
Hathaway Kraemer Ltd.
Long Sault Woodcraft Ltd.

Andrew Antenna Corp.
Bogart Mfg. Corp.
California Technical Industries
Diamond Antenna Microwave Corp.
Emerson & Cuming, Inc.
McMillan Industrial Corp.
Telrad Mfg. Corp.

RATIOMETERS

Aviation Electric Ltd.
Canadian Research Institute.
George Kelk Ltd.
Tinsley Instruments.
Cambridge Instrument Co. Ltd.
Cubic Corp.
Electro Instruments Inc.
Ernest Turner Electrical Instruments Ltd.

FXR, Inc.
P. Gossen & Co. GmbH.
Hewlett-Packard, Inc.
Non-Linear Systems
S. A. Rocher Electronique
Sensitive Research Instrument
Corp.
Taylor Electrical Instruments
Ltd.

RECEIVERS

1. Aircraft
 2. am Fixed Frequency
 3. am/fm Communication
 4. Automatic Radio Alarm
 5. Automobile
 6. Coin operated
 7. Communication & Amateur
 8. Diversity Reception
 9. Fixed Frequency
 10. fm
11. fm Multiplex- 12. Loran
- 13. Marine
- 14. Microwave
- 15. Panoramic
- 16. Portable & Mobile
- 17. Radio Direction Finder
- 18. Railroad
- 19. Single Side Band
- 20. Transistor Operated
- 21. uhf
- 22. vhf
- 23. vhf Omni Range

Addison Industries Ltd. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23.

Airtron Canada Ltd. 14.

Automatic Radio Co. 5.

Aviation Electric Ltd. 1-2-13-17.

Beaconing Optical & Precision Mats. Co. Ltd. 8-9-14-17.

Canadian Admiral Corp. Ltd. 20.

Canadian General Electric Co. Ltd. 1-2-8-9-12-15-19-20-21.

Canadian Marconi Co., Comm. Prods. Div. 2-4-10-12-13-19.

Canadian Marconi Co., Radio Relay Div. 8-10-14.

Canadian Motorola Electronics Ltd. 10-13-14-16-18-19-20-21-22.

Canadian Westinghouse Co. Ltd. Electronics Div. 8-9-13-14-17-21-22-23.

Collins Radio Co. of Canada Ltd. 1-2-3-7-8-9-10-11-12-14-17-19-21-22-23.

Daystrom Ltd. (Heath) 7-16-17-20.

Domination Electrophome Industries 5-10-20.

Electronic Prods. Mfg. Co. 20.

Electronic Communications Ltd. 2-3-9-10-17.

Electronic Materials Int'l. Ltd. 1-2-3-9-10-12-17-20-21-22.

Electronic Research & Development Co. Ltd. 2-3-4-8-9-16-19-20-22.

Ericsson Telephone Sales of Canada Ltd. 2-3-5-7-9-10-13-16.

EV of Canada Ltd. 7.

Ferranti-Packard Electric Ltd. 2-22.

Fisher Research Lab. Ltd. 13-17-20.

Hallcrafters-Canada Ltd. 3-7.

International Systems Ltd. 1-3-7-9.

Lenkurt Electric Co. of Canada Ltd. 3-8-9-11-14-21.

Measurement Engrg. Ltd. 9.

Northern Radio Mfg. Co. Ltd. 2-3-8-9.

Philco Corp. of Canada Ltd. 5-20.

The Plessey Co. of Canada Ltd. 1-2-3-5-8-9-10-13-16-21-22-23.

Pye Canada Ltd. 2-3-9-10-13-16-22.

Pye Canada Ltd., TV Trans. Div. 9-14.

Raytheon Canada Ltd. 13-14-17-20.

Redifon Canada. 3-4-7-8-9-12-13-17.

Regency Electronics Ltd. 2-4-7-10-16-20.

RCA Victor Co. Ltd. 1-2-3-5-7-8-9-10-11-13-14-16-17-19-20-21-22-23.

Sinclair Radio Labs. Ltd. 14.

Sperry Gyroscope Co. 12-14.

Spilsbury & Tindall Ltd. 2-3-9-10-13-16-20-22.

T.M.C. (Canada) Ltd. 2-3-7-8-9-13-19.

Tele-Radio Systems Ltd. 2-3-4-7-8-9-10-16-18-19-20-21-22-23.

Tenatronics Ltd. 5.

F. V. Topping Electronics Ltd. 1-7-9-13-16-20.

Airborne Instruments Laboratory, Inc. 14.

Airtron Inc. 14.

Alto Scientific Co. Inc. 3-10.

American Electronic Labs., Inc. 1-2-3-7-9-14-20-21-22.

Applied Research Inc. 19-21-22.

Rex Bassett, Inc. 13.

- Bendix Aviation Corp. 1-3-16-18-23.
- Max Egon Becker, Autoradio-werk 5.
- British Communication Corp. 2-3-7-9-13.
- Budelman Electronics Corp. 11-14-21-22.
- Control Electronics Co., Inc. 17.
- Craig Systems, Inc. 16.
- Crosby Labs., Inc. 8-11-19.
- Allen B. Du Mont Laboratories, Inc. Int. Div.
- 3-9-10-11-14-16-18-21-22.
- Eddystone Co. Ltd. 3-7-10-19-21-22.
- Edo Corp. 12.
- Electro Voice Inc. 22.
- Elektromesstechnik Wilhelm Franz 10-16-20.
- Felton & Guillemin Fernmeldeanlagen GmbH. 10-14.
- Fisher Research Lab., Inc. 13-17-20.
- General Electric Co. of England. 13.
- General Instrument Corp. 1.
- Granco Products, Inc. 10.
- The Hammarlund Mfg. Co., Inc. 2-13.
- I.D.E.A., Inc. 7-9-16-22.
- Industrial Radio Corp. 17.
- Kaar Engrg. Corp. 13-17.
- Link-Gonset, Young Spring & Wire Corp. 10-16.
- Merco Recording Co., Inc. 20.
- Microwave Assoc., Inc. 14.
- Moore Associates, Inc. 4-20.
- Morrow Radio Mfg. Co. 7-17.
- Murphy Radio Ltd. 1-2-3-5-9-10-13-21-22.
- Multi-Products Co. 3-7-16-19.
- National Co., Inc. 2-7-9-13-17-18-19-22-23.
- Nems Clarke, Inc. 1-3-8-10-11-21-22.
- Northern Radio Co., Inc. 2-3-8-9-1.
- Philco Corp., Gov. & Ind. Div. 14.
- Pilot Radio Corp. 10.
- Polarad Electronics Corp. 14.
- Prodelin, Inc. 14.
- Racal Engrg. Ltd. 2-7-8-15-19.
- Radio Corp. of America. 1-2-13-16-17-19-20.
- Radio Engrg. Labs., Inc. 19.
- Radio Specialty Mfg. Co. 16.
- Rawway Communications Inc. 18.
- Rohde & Schwarz 11-14-21-22.
- W. H. Sanders (Electronics) Ltd. 14.
- Sargent-Raymont Co. 10-11.
- Sarkes Tarzian, Inc. 14.
- Servo Corp. of America. 17-22.
- Siemens & Halske A.G. 3-8-9-10-17.
- James S. Spivey, Inc. 1-2-3-17.
- Stratton & Co. Ltd. 3-7-10-19-21-22.
- Telerad Mfg. Corp. 14.
- J. Langham Thompson Ltd. 14-21-22.
- Transco Prods., Inc. 1.
- The Trix Electrical Co. Ltd. 2.
- Varo Mfg. Co. 22.
- Whiteley Electrical Radio Co. Ltd. 10.

RECEIVERS, HOME

1. am Console
 2. am Portable
 3. am Table
 4. am Vest Pocket
 5. fm Console
 6. fm Portable
 7. fm Table
 8. tv Console
 9. tv Portable
 10. tv Table
 11. Clock Radios
 12. am/fm Console
 13. am/fm Portable
 14. am/fm Table
 15. am/phono Console
 16. am/phono Portable
 17. am/phono Table
18. fm/tv Console
 19. am/fm/phono Console
 20. am/fm/phono Table
 21. am/fm/tv Console
 22. am/fm/tv Table
 23. am/fm/tv/phono Console
 24. Recorder & Phonograph Combinations
 25. Built-in Wall Type
- Addison Industries Ltd. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25.
- Amplivox (Canada) Ltd. 4.
- Automatic Radio Co. 2-3-11.
- Canadian Admiral Corp. Ltd. 2-3-4-8-9-10-11-19.
- Canadian General Electric Co. Ltd. 2-3-8-9-10-11.
- Canadian Marconi Co. 1-3-8-9-10-11-15-16-23.

- Canadian Westinghouse Co. Ltd. 2-3-8-9-10-11-15-19.
- Clairstone Sound Corp. Ltd. 15-19.
- Daystrom Ltd. (Heath) 2-3.
- Domination Electrophome Ind. Ltd. 2-3-11-13-14-1-4-8-9-10-12-15-17-19-20-21-22-23.
- Electrical Prods. Mfg. Co. 1-2-3-5-8-9-10-11-12-15-17-18-19-21.
- Electronic Communications Ltd. 25.
- Electronic Enterprises Ltd. 2-3-4-16.
- Ericsson Telephone Sales of Canada Ltd. 1-2-3-5-6-7-11-24.
- EV of Canada Ltd. 3-7-25.
- Hackbusch Electronics Ltd. (Stromberg-Carlson) 1-2-5-11-12-15-19-20-21-23-24-25.
- Hallcrafters-Canada Ltd. 1-2-3-4-8-9-10-11-15-16-17-19.
- Monarch Radio Mfg., Co. 3.
- McCurdy Radio Industries Ltd. 14.
- Philco Corp. of Canada Ltd. 1-2-3-4-8-9-10-11-23.
- Philips Industries Ltd. 2-3-4-7-8-9-11-14-15-19.
- The Plessey Co. of Canada Ltd. 1-2-3-5-7-8-9-10-12-13-14-15-17-18-19-20-21-22-23.
- Regency Electronics Ltd. 2-4.
- RCA Victor Co. Ltd. 1-2-3-4-8-9-10-11-12-15-16-17-24-25.
- Sea Breeze Mfg. Ltd. 24.
- Shelburn Industries (Canada) Ltd. 1-3-11-15-16.
- Sylvania Electric (Canada) Ltd. 2-3-5-8-9-10-11-12-15.
- Tele-Radio Systems Ltd. 2.
- Zenith Radio Corp. of Canada Ltd. 2-3-4-8-9-10-11-19.
- Ampex Corp. 24.
- Blonder-Tongue Lab., Inc. 14.
- Conrac, Inc. 8-10-25.
- David Bogen Co., Inc. 16-25.
- DuKane Corp. 19.
- Granco Prods., Inc. 5-6-7-11-12-13-14.
- Grundig Verkaufs GmbH. 1-3-15-17-24.
- Harmon-Kardon, Inc. 14-25.
- I.D.E.A., Inc. 2-4-24-3.
- Loewe-Opta. 1-3-15-17-24.
- Luxor Radio A/B 1-5-12.
- Mark Simpson Mfg. Co. Inc. 4-25.
- Merco Recording Co., Inc. 3.
- J. W. Miller Co. 2.
- Murphy Radio Ltd. 1-2-3-5-6-7-8-9-10-12-13-14-15-16-17-19.
- National Co., Inc. 2.
- Norddeutsche Mende Rundfunk GmbH 1-2-3-8-10-15-17.
- Pilot Radio Corp. 6-13-19-20-24.
- Regency Division, I.D.E.A., Inc. 2-4-16.
- Ribet Desjardins 2-3-8-10-14-19-21.
- Superex Electronics Corp. 2-14.
- Talk-A-Phone Co. 25.
- The Trix Electrical Co. Ltd. 3-7-14.
- Whiteley Electrical Radio Co. Ltd. 5.

RECORDERS

1. Blood Pressure, Electronic
 2. Depth
 3. Disc
 4. Drum, Magnetic
 5. Facsimile
 6. Film
 7. Film Thickness
 8. Fluid Conductivity, Electronic
 9. Fluid Flow, Electronic
 10. Frequency
 11. Humidity, Electronic
 12. Intermittent
 13. Liquid Level, Electronic
 14. Materials Thickness, Electronic
 15. Mechanical
 16. Micro-Micro Amp.
 17. Millivolt
 18. Moisture, Electronic
 19. Oxygen
 20. pH
 21. Potentiometers
 22. Power Level
23. Pressure, Electronic
 24. Rotary Stylus Electronic
 25. Self-Balancing, Electronic
 26. Smoke & Combustion, Electronic
 27. Sound Level
 28. Sound-on-Film
 29. Specific Gravity, Electronic
 30. Strain
 31. Tape
 32. Telemetering
 33. Telephone Recording
 34. Temperature, Electronic
 35. Timing
 36. Torque, Electronic
 37. Transient
 38. Vacuum
 39. Video
 40. Tape
 41. Wire
- Automatic Electric (Canada) Ltd. 32-33.
- Aviation Electric Ltd. 2.
- Bailey Meter Co. Ltd. 8-9-13-15-19-20-21-23-25-26-29-32-34-35-38.
- Barber-Colman of Canada Ltd. 11-17-18-20-21-25-34.
- The Bristol Co. of Canada Ltd. 2-8-9-10-11-13-17-18-19-20-21-23-25-26-29-30-32-34-38.
- Canadian Applied Research Ltd. 37.
- Canadian Curtiss-Wright Ltd. 7-13-14-18-19.
- Canadian General Electric Co. Ltd. 5-22-32-37.
- Canadian Research Institute 1-17.
- Canadian Sonic Co. 2.
- Clairstone Sound Corp. Inc. 3.
- Davis Automatic Controls Ltd. 34.
- Daystrom Ltd. 10-15-17-21-22-25-34.
- Daystrom Ltd. (Heath) 31.
- Decca Radar (Canada) Ltd. 5.
- Domination Electrophome Industries Ltd. Industrial Prod. Div. 2-7-8-9-11-13-14-22-23-26-30-34-35-36.
- E.M.I.-Cossor Electronics Ltd. 4-31.
- Edwards High Vacuum Canada Ltd. 38.
- Electrical Prods. Mfg. Co. 31.
- Electronics Corp. of America (Canada) Ltd. 26.
- Electronic Associates Ltd. 13-14-26-29.
- Electronic Communications Ltd. 31.
- Electronic Enterprises Ltd. 31.
- Ericsson Telephone Sales of Canada Ltd. 4-5-31-33-35.
- Ferranti-Packard Electric Ltd. 4-31.
- Fischer & Porter Canada Ltd. 9-18-20-29.
- Fisher Scientific Co. Ltd. 19.
- The Foxboro Co. Ltd. 2-8-9-11-13-15-18-19-20-21-23-25-29-32-34.
- Hackbusch Electronics Ltd. (Stromberg-Carlson) 31-32-33.
- Honeywell Controls Ltd. 8-9-10-11-13-16-17-18-19-20-21-23-25-26-30-32-34-38-40.
- International Business Machines Co. Ltd. 3-4-5-35.
- George Kelk Ltd. 30-34.
- Leeds & Northrup Canada Ltd. 10-17-19-20-21-22-25-26-34.
- Measurement Engrg. Ltd. 7-11-13-14-18-23-26-34-35-39.
- Millitronics Ltd. 39.
- Muirhead Instruments Ltd. 5-31.
- National Fibre Co. of Canada Ltd. 31.
- Philips Electronics Industries Ltd. 8-11-16-17-18-20-21-23-25-30-34-39.
- The Plessey Co. of Canada Ltd. 24.
- Polytronics Co. 26.
- Pye Canada Ltd. 2.
- RCA Victor Co. Ltd. 31-39.
- Raytheon Canada Ltd. 2.
- Research Instrumentation Ltd. 1.
- Sea Breeze Mfg. Ltd. 31.
- Sharpe Instruments Ltd. 20.
- Sonograph Ltd. 31-33.
- Taylor Instrument Co.'s of Canada 9-13-20-21-34-38.
- Tecneec Associates 17.
- Thermo Electric (Canada) Ltd. 34.
- Thermovolt Instruments Ltd. 8-9-11-17-34-38.
- Tinsley Instruments. 21-30.
- Varian Associates of Canada Ltd. 17-21.
- A. E. G. 10-20-21.
- Acoustica Associates. 13.
- Allegany Instrument Co., Inc. 37.
- Ampex Corp. 31-32-39.
- Antex Ltd. 31.
- Antlab, Inc. 22.
- Arnoux Corp. 23-24.
- Atlas Werke A.G. I.
- Audio Instrument Co., Inc. 31.
- Audio Devices, Inc. 31.
- Automatic Electric Co. 32-33.
- Automatic Timing & Controls, Inc. 40.
- Avien, Inc. 13-34.
- B & F Instruments, Inc. 36.
- BJ Electronics, Borg-Warner Corp. 4.
- Bailey Meters & Controls Ltd. 26.
- Barnes Development Co. 12.
- Beckman Instruments, Inc. 14-19-29.
- Beckman Instruments, Scientific Div. 18-19-20.
- Bendix Aviation Corp. 13-32.
- Berkeley Div., Beckman Instruments 10.

Bernd-Bach, Inc. 28.
 BJ Electronics. 4-23.
 British Ferrograph Recorder Co. Ltd. 2-31.
 The British Rototherm Co. Ltd. 38.
 British Thompson-Houston 28.
 Brooks Rotameter Co. 9.
 A/S Bruel & Kjaer. 27.
 Brush Instruments Div. of Clevite Corp. 30.
 California Computer Prods. 15.
 Cambridge Instrument Co. Ltd. 3-8-15-17-20-21-25-34.
 Camille Bauer Ltd. 17.
 Century Electronics & Instruments, Inc. 32.
 Collaro Ltd. 31.
 Computer Measurements Corp. 10-35.
 Cramer Controls Corp. 35.
 A/S Danbridge 17.
 Dawe Instruments Ltd. 10.
 Daytronic Corp. 40.
 Dukane Corp. 31.
 Dynamic Instrument Co., Inc. 23.
 EMC Recordings Inc. 1-9-15-16-17-23-30-34-36.
 Edwards High Vacuum Ltd. 38.
 Electric Eye Equipment Co. 18.
 Electro Data Division Burroughs Corp. 4-31.
 Elektromesstechnik Wilhelm Franz. 31.
 Electronic Associates, Inc. 25-32.
 Electronic Instruments Ltd. 20.
 Elliott Bros. Ltd. 13-14-15.
 Esterline-Angus Co., Inc. 10-17-35.
 Epsilon Industries Ltd. 13-32.
 Evans Electroelenium Ltd. 26.
 Evershed & Vignoles Ltd. 3-10-15-21-26.
 Farnel Instruments Ltd. 30.
 Fenwal Electronics, Inc. 34.
 Fisher Research Lab., Inc. 13-18-21-27.
 The Foxboro Co. 9-11-15-18-20-23-29-30-32-34-7-8-13-14-17-21-22-25-35-36-38-39.
 Garrard Engrg. & Mfg. Co. Ltd. 31.
 General Communications Co. 29.
 General Radio Co. 27.
 Gorell & Gorell 35.
 Grundig Verkaufs GmbH. 31.
 Gulton Industries, Inc. 1-2-7-9-13-14-23-30-31-34.
 Haenni & Co. A.G. 13-18.
 Hartmann & Braun A.G. 15-17-19-20-21-26-32.
 Hathaway Instrument Co. 1.
 Haydon Div. General Time Corp. 35.
 Hewlett-Packard Co. 10.
 Hughes Aircraft Co. 1-5-10.
 Industrial Instruments, Inc. 8.
 Isotope Devel. Ltd. 13-14-29.
 Int. Telemeter Corp. 32.
 J B T Instruments, Inc. 34.
 Kay Electric Co. 10-27.
 J. Langham Thompson Ltd. 1-9-23-36-38-39.
 Librascope, Inc. 4-25.
 Lintronic Ltd. 9.
 Luxor Radio A/B 31.
 Magnasyn Mfg. Co. 28.
 Magna-Tech Electronic Co. 31.
 Medical Electronics Development Co. 1.
 Merco Recording Co., Inc. 25.
 Metra Corporation 17.
 Millivac Instruments 10-16-17-37.
 Millivan Instruments 16-17.
 F. L. Moseley Co. 17-21.
 Muirhead & Co. Ltd. 5.
 Murphy Radio Ltd. 31.
 Non-Linear Systems, Inc. 17-21-25.
 Norden-Ketay Corp. 21.
 Northam Electronics, Inc. 31.
 N.R.C. Equipment Corp. 38.
 Nuclear Corp. of America, Inc. 9-13.
 Omer Electronics 17-25-30.
 Owen Labs, Inc. 30.
 Patterson, Moos Div. of Universal Winding Co., Inc. 26-35.
 The Pentron Corp. 31.
 Photon Instrument Co. 23-30-35-36.
 Polarad Electronics Corp. 31-39.
 Potter Instrument Co., Inc. 31.
 Precision Instrument Co. 4-31.
 Presto Recording Corp. 3-31.
 W. G. Pye Co. Ltd. 20.
 Radiation, Inc. 32.
 Radiation Counter Labs., Inc. 13.
 Radiometer. 20.
 Record Electrical Co. Ltd. 15.
 Reeves Equipment Corp. 6-28.
 Rek-O-Kut Co. 3.
 Revere Corp. of America 40.
 Ripley Co., Inc. 26.
 Robertshaw-Fulton Controls Co. Instrument Div. 2-13.
 S. A. Rochar Electronique. 9-10-21-25-35.
 Rohde & Schwarz 27.
 Laboratorium Dr. Justus Rosenhagen 17.
 Dr. Ing. Rudolph Hell. 5.
 Arthur C. Ruge, Inc. 34.
 Rust Industrial Co., Inc. 12-17-22.
 Sanborn Co. 1-30.
 W. H. Sanders Ltd. 30.
 Sarkes Tarzian, Inc. 6.
 Savage & Parsons Ltd. 30.
 Schomandl K.G. 10.
 Schaeffelt Engrs. 14-23.
 Serdex, Inc. 11-34.
 Service Recorder Co. 15-35.
 Servomex Controls 19.
 Siemens & Halske A.G. 2-8-9-11-13-14-18-19-20-21-22-23-25-29-30-32-33-34-36-10-15-17-26-38-40.
 Mark Simpson Mfg. Co., Inc. 31.
 The Soundscribe Corp. 3.
 Southern Instruments Ltd. 23.
 Southwestern Industrial Electronics Co.
 Staub & Co. 17.
 Steatit-Magnesia A.G. 21.
 Stuzzi Radiotechnischer Betrieb. 31.
 Subsystems Div. Servomechanisms, Inc. 21-23.
 Tandberg Records. 31-33.
 Taylor Electrical Instruments Ltd. 10-11-16-17.
 Telco. 1.
 Telectro Industries Corp. 27-31-32-39.
 Teletrosonic Corp. 31.
 Television Utilities Corp. 6.
 Texas Instruments, Incorporated. 13.
 J. Langham-Thompson Ltd. 19-23-40.
 Timus Olsen Testing Machine Co. 30.
 Trumeter Co. Ltd. 15.
 Truvox Ltd. 31.
 United States Gauge. 38.
 Veeco Vacuum Corp. 38.
 Victoreen Instrument Co. 16.
 Wappler, Inc. 1-30.
 The Waters Corp. 2.
 Waugh Engrg. Co. 31.
 Webcor, Inc. 31.
 Webster Electric Co. 31.
 West Instrument Corp. 21-34.
 Westronics, Inc. 17-21-23-25-30.
 Winston Electronics, Ltd. 1-31.

RECTIFIERS

(See also, Diodes, Power Supplies and Tubes)

1. Copper Oxide 3. Germanium Oxide 4. Selenium 5. Silicon
2. Copper Sulphide
- Amalgamated Electric Corp. Ltd. 4.
 Bepco Canada Ltd. 4.
 The Canadian Fairbanks-Morse Co. Ltd. 4.
 Canadian General Electric Co. Ltd. 3-4-5.
 Canadian Line Materials Ltd. 4-5.
 Canadian Westinghouse Co. Ltd. 1-4-5.
 Dominion Electrohome Industries Ltd. Tech. Prods. Div. 4.
 Electronic Communications Ltd. 3-4-5.
 English Electric Co. of Canada, Ltd. 3.
 Ericsson Telephone Sales of Canada Ltd. 1-4.
 Ferranti-Packard Electric Ltd. 5.
 Hackbusch Electronics, Ltd. (Stromberg-Carlson) 4-5.
 Ind. Electronics Div., C. C. Meredith 4-5.
 Intl. Rectifier of Canada Ltd. 3-4-5.
 Lucas-Rotax Ltd. 3-4-5.
 Osborne Electric Co. Ltd. 1-2-3-4-5.
 The Plessey Co. of Canada Ltd. 3-4-5.
 Powertron Equipment Ltd. 3-4-5.
 Raytheon Canada Ltd. 3-4-5.
 Renfrew Electric Co. Ltd. 4.
 Richardson-Allen of Canada Ltd. 4-5.
 Rogers Electronic Tubes & Components Div. of Philips Electronics Ind. Ltd. 3-4-5.
 Sola Electric (Canada) Ltd. 3-5.
 Standard Telephones & Cables Mfg. Co. (Canada) Ltd. 4-5.
 Sylvania Electric Canada Ltd. 3-4-5.
 Syntron (Canada) Ltd. 4.
 Taylor-Leslie Mining & Engrg. Corp. Ltd. 3-5.
 Tecneek Associates 4.
 Telecom Ltd. 4.
 F. V. Topping Electronics Ltd. 3-4-5.

- American Rectifier Corp. 4-5.
 Audio Devices, Inc. 5.
 Automatic Mfg. Div. of General Instrument Corp. 5.
 Bendix Aviation Corp. 1-3-4-5.
 Bradley Semi-Conductor, Inc. 1-3-4-5.
 Bud Radio, Inc. 3-4-5.
 Christie Electric Corp. 4-5.
 Conant Labs. 1-4.
 Dansk Ventil Industri. 1-4.
 The Electric Construction Co. 3-4.
 Electronic Devices. 4.
 Faststeel Metallurgical Corp. 4-5.
 General Electric (Lamp Wire & Phosphors). 4.
 General Transistor Corp. 3-5.
 Hoffman Electronics Corp. 5.
 Hughes Prods., Hughes Aircraft Co. 3-4-5.
 International Telephone & Telegraph Corp. 4-5.
 Kemtron Electron Prods., Inc. 3-5.
 P. R. Mallory & Co., Inc. 2.
 Microwave Assoc., Inc. 5.
 Motorola, Inc. Semi Conductor Prods. Div. 3-5.
 Nucleonic Products 3.
 Ohmite Mfg. Co. 3.
 Opad Electric Co. 1-2-3-4-5.
 Pacific Semiconductors, Inc. 5.
 Perkin Engrg. Corp. 3-4-5.
 Pyramind Electric Co. 4.
 Radio Receptor Co., Inc. 4-5.
 Rectico, Inc. 1-2-4-5.
 Sarkes Tarzian, Inc., Rectifier Div. 4-5.
 Schauer Mfg. Corp. 1-4.
 Semi-Elements, Inc. 2-3-5.
 Siemens & Halske A.G. 4.
 Siemens-Schuckertwerke A.G. 4.
 Sylvania Electric Prods., Inc. 4.
 Syntron Co. 5.
 Texas Instruments, Incorporated. 5.
 Transatron Electronic Corp. 3-4-5.
 Thermoson, Inc. 5.
 U. S. Dynamics, Inc. 5.
 U. S. Semiconductor Prods., Inc. 5.
 Universal Transistor Products Corp. 3-5.
 Vickers Inc., Electric Products Div. 4.
 Westinghouse Electric Corp. Semi Conductor Div. 5.
 Westinghouse Brake & Signal Co. Ltd. 1-4.
 Workman TV, Inc. 5.

REELS—Tape Recording & Telemetry

- E.M.I.-Cossor Electronics Ltd. Minnesota Mining & Mfg. of Canada Ltd., Electrical Prods. Div.
- International Business Machines Co. Ltd.
- Ampex Corp. 4.
 Antlab, Inc. 4.
 Audio Devices. 4.
 Collaro Ltd. 31.
 Dukane Corp. 31.
 Ferrodynamics Corp. 4.
 Gulton Industries, Inc. 4.
 Orradio Industries, Inc. 4.
 Potter Instrument Co., Inc. 4.
 Presto Recording Corp. 4.
 Reeves Soundcraft Corp. 4.
 Robins Industries Corp. 4.
 Sarkes-Tarzian, Inc., Rectifier Div. 4.
 Telectro Industries Corp. 4.
 Webcor, Inc. 4.

REFLECTORS—Passive

- Decca Radar (Canada) Ltd. 4.
 Raytheon Canada Ltd. 4.
 Sinclair Radio Labs. Ltd. 4.
 Frank R. Cook Co. 4.
 Diamond Antenna & Microwave Corp. 4.
 Dielectric Products Engrg. Co., Inc. 4.
 Douglas Microwave Co., Inc. 4.
 Emerson & Cuming, Inc. 4.
 I-T-E Circuit Breaker Co. 4.
 Technical Appliance Corp. 4.

REFRIGERATION UNITS

- The Garrett Mfg. Corp. of Canada Ltd. 4.
 Powertronic Equipment Ltd. 4.
 Eastern Industries Inc. 4.
 Great Lakes Mfg. Corp. 4.
 Hunter Mfg. Co. 4.

REGISTERS—Shift

- Ferranti-Packard Electric Ltd. 4.
 Burroughs Corp. 4.
 Computer Control Co., Inc. 4.
 Potter Instrument Co., Inc. 4.
 Sprague International Ltd. 4.

REGULATORS

1. Current
2. Frequency
3. Voltage
- Addison Industries Ltd. 1-2-3.
 American Superior Electric Co. Ltd. 3.
 Brown, Boveri (Canada) Ltd. 1-2-3.
 The Canadian Fairbanks-Morse Co. Ltd. 1-2-3.
 Canadian General Electric Co. Ltd. 1-2-3.
 Canadian Marconi Co. 3.
 Canadian Research Institute 3.
 Canadian Westinghouse Co. Ltd. 1-2-3.
 Electronic Communications Ltd. 3.
 Electronic Components Ltd. 1-3.
 Electronic Controls Ltd. 1-3.
 Ferranti-Packard Electric Ltd. 3.
 Helipot Div., Beckman Instruments, Inc. 1-2.
 Ind. Electronics, Div. C. C. Meredith 3.
 George Kelk Ltd. 3.
 Kitchener Electronics Industries Ltd. 3.
 Lenkurt Electric Co. of Canada Ltd. 1-2-3.
 Lucas-Rotax Ltd. 1-2-3.
 R. H. Nichols, Ltd. 3.
 Philips Electronics Industries Ltd. 3.
 Polytronics Co. 3.
 Raytheon Canada Ltd. 3.
 Research Industries Ltd. 3.
 Sola Electric (Canada) Ltd. 3.
 F. V. Topping Electronics Ltd. 2.
 Triad Instruments & Controls Ltd. 1-3.
 Vector Labs, Inc. 1-2-3.
 Advance Components Ltd. 3.
 Computer Measurements Corp. 2.
 Curtis-Wright Corp. 3-25.
 Dawe Insts. Ltd. 3.
 Di-An Controls, Inc. 2.
 Dressen-Barnes Corp. 3.
 Electric Regulator Corp. 3.
 Electronic Measurements Co., Inc. 3.
 Electronic Regulator Co. 1-3.
 Electronic Specialty Co. 1-2-3.
 General Radio Co. 3.
 P. Gossen & Co. GmbH. 3.
 Harrison Labs. 3.
 Hoffman Electronics Corp. 1-3.
 Holt Instrument Co. 3.
 Industrial Transformer Corp. 1-2-3.
 Kepco Labs., Inc. 3-1.
 Laboratoire Central De Telecommunications. 3.
 Murphy Radio Ltd. 3.
 Newton Bros. (Derby) Ltd. 1-3.
 NJE Corp. 1-3.
 North Hills Electronic. 1.
 Opad Electric Co. 1-2-3.
 Perkin Engrg. Corp. 3.
 S. A. Rochar Electronique. 3.
 Servomex Controls Ltd. 3.
 Siemens Edison Swan Ltd. 3.
 Simplex Co. 3.
 Sorensen & Co., Inc. 1-2-3.
 Superior Electric Co. 3.
 Tel-Instrument Electronics Corp. 3.
 Transistor Devices, Inc. 1-3.
 Transistor Electronic Corp. 3.
 United Transformer Corp. 3.
 Valor Electronics, Inc. 3.
 Varo Mfg. Co., Inc. 2.
 Vector Engrg., Inc. 1-2-3.
 Wuerth Tube-Saver Corp. 1.

RELAYS

1. Coaxial
2. Cross Bar
3. d'Arsonval
4. Differential
5. Frequency Selective
6. High Voltage
7. Impulse
8. Keying & Break-in
9. Latching
10. Mercury
11. Overload
12. Overvoltage & Under-voltage
13. Passive Microwave
14. Photoelectric
15. Polarized
16. Power
17. Resistance Activated
18. Rotary
19. Sensitive
20. Sequence
21. Stepping
22. Subminiature
23. Telephone
24. Temperature Compensated
25. Time Delay
26. Vacuum Contact
27. Vibrating Reed

- Amalgamated Electric Corp. Ltd. 7-8-9-11-12-16-18-21-23-27-22.
- Arrow-Hart & Hegeman Canada Ltd. 6.
- Automatic Electric (Canada) Ltd. 7-9-15-18-19-20-21-23-25-27. Automatic Telephone & Sound Services Ltd. 2-7-9-19-23-25-27.
- Barber-Colman of Canada Ltd. 15.
- Beaconing Optical & Precision Mfgs. Co. Ltd. 13.
- The Bristol Co. of Canada Ltd. 19-22-27.
- Brown Boveri (Canada) Ltd. 4-6-9-11-12-15-16-23-24-25.
- Canadian Cutler-Hammer Ltd. 11-12-20-25.
- Canadian General Electric Co. Ltd. 11-12-14-16-17-19-23-25.
- Canadian Research Institute. 14-25.
- Canadian Westinghouse Co. Ltd. 6-11-12-16.
- Cannon Electric Canada Ltd. 1-4-6-7-8-9-12-16-19-20-21-22-23.
- Carriere & MacFetters Ltd. 22.
- C. P. Clare Canada Ltd. 7-10-15-16-19-21-22-23-25-27.
- Collins Radio Co. of Canada Ltd. 13.
- Curtiss-Wright 11-12-24-25.
- J. H. Darcy Ltd. 4-6-7-8-9-11-12-16-19-20-21-25.
- Davis Automatic Controls Ltd. 4-6-9-10-12-14-16-19-20-21-25.
- Daystrom Ltd. (Weston) 3-4-6-9-11-12-14-16-19-22.
- E.M.I.-Cossor Electronics Ltd. 22.
- Edwards High Vacuum Canada Ltd. 26.
- Electronic Associates Ltd. 14.
- Electronic Communications Ltd. 5-7-12-14-15-18-21-23-25.
- English Electric Co. of Canada Ltd. 4-11-12.
- Ericsson Telephone Sales of Canada Ltd. 2-7-9-15-16-18-19-22-23-27.
- Ferranti-Packard Electric Ltd. 13.
- Fisher Scientific Co. Ltd. 19.
- L. H. Frost Canada Ltd. 16-21-22.
- The Garrett Mfg. Corp. of Canada Ltd. 22.
- Hackbusch Electronics Ltd. (Stromberg-Carlson) 2-7-8-9-15-19-21-23.
- Ind. Electronics, Div. C. C. Meredith 14.
- Jerrold Electronics (Canada) Ltd. 1.
- Lenkurt Electric Co. of Canada Ltd. 5-8-13-23.
- Lucas-Rotax Ltd. 9-11-12-16-25.
- Measurement Engng. Ltd. 11-12-14-17-19-25.
- Muirhead Instruments Ltd. 4.
- National Semiconductors Ltd. 14.
- Northern Electric Co. Ltd. 23.
- Northern Radio Mfg. Co. Ltd. 7-8.
- Osborne Electric Co. Ltd. 1-2-3-4-5-6-7-8-9-10-11-15-16-19-22-23-24-25.
- Par-Tex Engrg. & Contracting Co. Ltd. 13.
- The Plessey Co. of Canada Ltd. 15-16-19-22-23.
- Potter & Brumfield Canada Ltd. 7-8-9-11-14-15-16-17-19-20-21-22-23.
- Raytheon Canada Ltd. 13.
- Renfrew Electric Co. Ltd. 4-6-7-9-10-11-12-16-19-20-21-22-23-25.
- Rotronix Corp. Ltd. 11.
- Servomechanisms (Canada) Ltd. 5.
- Standard Telephones & Cables Mfg. Co. (Canada) Ltd. 2-23.
- Stegg Electric Ltd. 11-12-23.
- Tecneek Associates 9-10-16-19-20-21.
- TeleRadio Systems Ltd. 23.
- Vector Labs. Inc. 21.
- Ward Leonard of Canada Ltd. 5-9-11-16-19.
- A. E. G. 24.
- The Adams & Westlake Co. 10-25.
- Aemco Inc. 1-2-4-5-6-7-8-9-11-12-14-15-16-18-19-22-23-25-27.
- Aero Electronics Corp. 22.
- A/G'A Division of Esna 25.
- Allied Control Co., Inc. 1-15-16-19-22-23.
- Alto Scientific Co., Inc. 25.
- Amperite Co. 26.
- Assembly Products, Inc. 3-12-19.
- Atlas Electric Prods. 10.
- Austinitite Ltd. 12.
- Automatic Electric Co. 7-9-15-18-19-20-21-23-25-27.
- Automatic Metal Prod. Corp. 1.
- Automatic Telephone & Electric Co. Ltd. 2-7-15-18-20-21-22-23.
- Automatic Timing & Controls, Inc. 25.
- Babcock Relays, Inc. 4-9-11-12-15-16-18-19-22.
- Barber-Colman Co. 9-15-19.
- Baso, Inc. 19-22-24-25.
- Belling & Lee Ltd. 11-25.
- The Bristol Co. 22.
- G. Electronics Corp. 27.
- C. P. Clare & Co. 9-10-19-21-22.
- Comar Mfg. Co. 1-7-8-11.
- Computer Measurements Corp. 5.
- Control Electronics Co., Inc. 25.
- Couch Ordnance, Inc. 18-22.
- Cramer Controls Corp. 25.
- Janes Cunningham & Son, Inc. 2.
- Danbury-Knudsen Div. of Amphenol Electronics Corp. 1.
- Del Electronics Corp. 25.
- Dialtron Corp. 25.
- Dielectric Prods. Engrg. Co., Inc. 1.
- Dow-Key Co., Inc. 1.
- Durakool, Inc. 10-25.
- Ebert Electronics Corp. 9-10-11-14-16-17-19-24-25-26.
- Eby Sales Co. 19.
- Eitel-McCullough, Inc. 26.
- Electro Snap Corp. 7-18-19-20-21-22.
- Electronic Control Corp. 11-16.
- Electronic Products Div. Post Mach. 14.
- Electronics Specialty Co. Electrovac 10.
- Elgin National Watch Co., Electronic Div. 1-8-11-16-19-21-22-23-25.
- Ellenberger & Poensgen GmbH. 11-25.
- George Ellison Ltd. 11.
- Engel and Gibbs 6-7-9-10-11-12-16-19-20-23-25-26.
- Etelco Ltd. 23.
- Farmer Electric Prods. Co. Inc. 14-19.
- Filters Inc. 9-22.
- L. H. Frost & Co., Inc. 16-23.
- General Electric Co. (Lamp Wire & Phosphors). 10.
- Guardian Electric Mfg. 1-8-11-16-19-21-22-23-25.
- G-V Controls, Inc. 11-12-25.
- The Hartman Electric Mfg. Co. 4-5-9-11-12-15-16-20-25.
- The A. W. Haydon Co. 8-20-21-25.
- Haydon Div. General Time Corp. 25.
- Heinemann Electric Co. 11-25.
- Hi-G, Inc. 22.
- Hillburn Electronic Prods. Co. 7-8-9-11-16-19-20-21-22-23.
- Hughes Aircraft Co. 7-11-12-18-19-20-21-22-23-27.
- Iron Fireman Mfg. Co. 9-19-22.
- Jennings Radio Mfg. Corp. 1-11-26.
- I/S Jensen Electric. 3.
- Kellogg Switchboard & Supply Co. 2-23.
- Keyswitch Co. 6-7-8-9-10-11-12-14-15-16-17-19-20-21-22-23-25-27.
- Kurman Electric Co. Div. of Norbute Corp. 2-4-6-7-8-11-12-14-15-16-19-22-23-24-25.
- J. Langham Thompson Ltd. 19.
- Leach Corp., Leach Relay Div. 4-6-8-9-12-16-18-19-22-23-25.
- G. H. Leland, Inc. 6-18-21.
- Line Electric Co. 7-9-16-23-25.
- Londex Ltd. 1-9-10-21-22.
- Magnecraft Electric Co. 1-4-6-7-8-9-11-12-16-18-19-22-23-25.
- Marion Electrical Instr. Co. 3.
- Metals & Controls Corp. 11-25.
- Millivac Instruments 19.
- Muirhead & Co. Ltd. 4.
- Nalder Bros. & Thompson Ltd. 3-4-12-19-25.
- North Electric Co. 2-18-21-23.
- Northern Radio Co., Inc. 7-8.
- Ohmite Mfg. Co. 8-11-15-16-23.
- Penta Labs., Inc. 6-26.
- Phaestron Instrument & Electronics Co. 6-7-16-17-18-19-22.
- Phillips Control Corp. 22.
- Photo-Crystals, Inc. 10.
- Photovolt Corp. 14-25.
- Price Electric Corp. 1-6-8-9-11-16-18-21-22-23-25.
- Prodelin, Inc. 1-13.
- Racal Engrg. Ltd. 1.
- Revere Corp. of America. 24-25.
- M. H. Rhodes, Inc. 25.
- S. A. Rocher Electronique. 25.
- W. H. Sanders Ltd. 7-8-9-18-23-27.
- Siemens & Halske A.G. 1-2-3-4-5-6-7-8-9-10-11-12-15-16-17-18-19-20-21-22-23-24-25-26-27.
- Siemens-Schuckertwerke A.G. 3-4-5-6-11-12-16-17-18-19-25.
- Stevens-Arnold, Inc. 27.
- Tally Register Corp. 9.
- Telephone Mfg. Co. Ltd. 2-7-8-15-19-23.
- Telerad Mfg. Corp. 13.
- Terado Co. 8-12-19-22.
- Tranco Prods., Inc. 1-25.
- Triplet Electrical Instrument Co. 3.
- Universal Circuit Controls Corp. 18-20-21.
- Varo Mfg. Co., Inc. 5.
- Venner Electronics Ltd. 7-14-25.
- Waugh Engrg. Co. 25.
- Zenith Electric Co. 25.
- Alois Zettler, GmbH. 7-8-9-10-11-12-15-16-19-20-21-22-23-24-25.

RESISTORS, FIXED

1. Carbon Film
 2. Composition
 3. Deposited Carbon
 4. Encapsulated
 5. Film, Precision
 6. Fuse
 7. Miniature
 8. Printed Strip
 9. Silicone
 10. Wire
 11. Wound, Noninductive
 12. Wire Woven
- Aerovox Canada Ltd. 3-4.
- Allen-Bradley Canada Ltd. 2-5.
- Allied Circuit Techniques Ltd. 8.
- Arrow Radio Co. 4-14-15-16.
- Bayly Engrg. Ltd. 5-17.
- Canadian Electric Resistors Ltd. 9-11-14-15-16.
- Canadian General Electric Co. Ltd. 14-15.
- Canadian Research Institute. 14-17.
- Canadian Stackpole Ltd. 2.
- Centralab Canada Ltd. 3-7-8-10-14-15.
- The Constanta Co. of Canada Ltd. 1-3-4-5-7-8-10.
- Daystrom Ltd. 5-14-15.
- Electronic Engrg. 14-17.
- Erie Resistor of Canada Ltd. 2-3.
- Leeds & Northrup Canada Ltd. 17-18.
- C. C. Meredith & Co. Ltd. 17.
- Marland Engrg. Co. Ltd. 7-14-15.
- Micarta Fabricators Ltd. 1-3-4-5-6-7-8-10-14-15-16-17.
- Muirhead Instruments Ltd. 4-14-17.
- The Plessey Co. of Canada Ltd. 14-15-17.
- Polytronics Co. 4-5-7-8-12-14-17-18.
- Precision Electronic Components 14-16-17.
- Renfrew Electric Co. Ltd. 1-2-3-4-5-6-7-8-9-10-14-15-16-17.
- Rogers Electronic Tubes & Components, Div. of Philips Electronics Ind. Ltd. 3-10.
- Taylor-Leslie Mining & Engrg. Corp. 2-3.
- Tecneek Associates 15-16.
- Tinsley Instruments (Canada) Ltd. 14-17.
- Ward Leonard of Canada Ltd. 4-5-6.
- Welwyn Canada Ltd. 1-3-4-5-12-14-15-16-17.
- Dr. Bernhard Beyschlag. 1-3-18.
- Bourne Labs., Inc. 3-7-10-15.
- The British Electric Resistance Co. 11-14-15-16.
- A. F. Bulgin & Co. Ltd. 14-15.
- Cambridge Instrument Co. Ltd. 14-16-17.
- Carad Corp. 16.
- The Carborundum Co. 2-4-7-10-12-13.
- Chadwick-Helmuth Co. 15.
- Chicago Telephone Supply Corp. 5-14-15.
- Cinema Engrg., Div. Aerovox Corp. 4-17.
- Clarostat Mfg. Co., Inc. 1-2-3-4-5-6-7-12-13-14-15-16-17.
- Colman Tool & Machine Co. 4-5.
- Comar Mfg. Co. 1.
- Consolidated Resistance Co. of America, Inc. 4-7-10-12-14-15-16-17.
- Continental Carbon, Inc. 1-2-3-4-5-16-17.
- Dale Products., Inc. 1-3-4-5-7-10-14-15-16-17.
- The Daven Co. 4-5-10-14-16-17.

RESISTORS, VARIABLE

1. Composition
 2. Miniature
 3. Subminiature
 4. Wire Wound
 5. Wound, Miniature
 6. Wire Wound, Subminiature
- Allen-Bradley Canada Ltd. 1-2.
- Canadian Electric Resistors Ltd. 4.
- Canadian Stackpole Ltd. 1-2.
- Centralab Canada Ltd. 1-2-3-4-5.
- Daystrom Ltd. 4-5-6.
- Ferranti-Packard Electric Ltd. 6.
- Helipot Div., Beckman Inst. 4-5-6.
- Ward Leonard of Canada Ltd. 4.
- R. Mack & Co. Ltd. 2.
- C. C. Meredith & Co. Ltd. 1-2-3-4-5.
- Muirhead Instruments Ltd. 4.
- The Plessey Co. of Canada Ltd. 1-2-3-4.
- Precision Electronic Components (1956) Ltd. 1-2-3.
- Renfrew Electric Co. Ltd. 1-2-4-5.
- Tecneek Associates 4.
- Tinsley Instruments (Canada) Ltd. 4-5.

Ward Leonard of Canada Ltd. 4-5.
 • Welwyn Canada Ltd. 4.

Aero Electronics Corp. 2-3-5-6.
 British Electric Resistance Co. Ltd. 4.

Bourne Lab., Inc. 1-2-3-4-5-6.
 Cambridge Instrument Co. Ltd. 4.

Chadwick-Helmuth Co. 4.
 Chicago Telephone Supply Corp. 1-2-3-4-5.

Clarostat Mfg. Co., Inc. 1-2-3-4-5-6.
 Colvern Ltd. 4-5.

Continental Carbon, Inc. 4.
 Corning Glass Works 4-5.

Dale Prods., Inc. 1-2-3-4-5-6.
 Egen Electric Ltd. 1-2-3-4-5-6.

Electro-Measurements, Inc. 4.
 Fairchild Controls Corp. 4-5.

Film Capacitors, Inc. 4-5-6.
 Firma S. Samulevitz. 4.

P. X. Fox Ltd. 4-5.
 The Gamewell Co. 4-5-6.

General Transistor Corp. 4-5-6.
 Guidance Controls Corp. 4-5-6.

Hardwick, Hindle, Inc. 4-5-6.
 Julie Research Labs., Inc. 4.

P. R. Mallory & Co., Inc. 4-5.
 Maurey Instrument Corp. 4-5-6.

Milwaukee Resistor Co. 4-5-6.
 • Muirhead & Co. Ltd. 4.

• Ohmite Mfg. Co. 1-2-3-4-5.
 Painton & Co. Ltd. 4-5.

Penn-East Engrg. Corp. 1-4.
 Resistor Wholesalers, Inc. 1-4.

Rosenthal-Isolatoren GmbH. 1-2-3-4-5-6.
 Spectrol Electronics Corp. 4-5-6.

Steatit-Magnesia A.G. 1-2-3-4.
 Telectro Industries Corp. 1-4.

Tru-Ohm Products Div. Model Engrg. & Mfg., Inc. 4-5.

Ward Leonard Electric Co. 4-5.
 Waterbury Pressed Metal Co. 1-2.

• Welwyn Electrical Labs., Ltd. 1-4.
 • Waters Mfg., Inc. 4-5-6.

Wirt Co. 4-5.

Ward Leonard Electric Co. 3.
 • Welwyn Electrical Labs. Ltd. 3.

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Radio Communications Equip-
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 X-Ray & Radium Industries Ltd.

Hewlett-Packard Co.
 I-T-E Circuit Breaker Co.
 Meridian Metalcraft, Inc.
 Narda Microwave Corp.
 Radio Corp. of America
 Reeves Instrument Corp.
 Telerad Mfg. Corp.
 Vectrol Engrg. Inc.
 Wave Line Inc.

SHUNTS—Meter

• Bach Simpson Ltd.
 Bayly Engrg. Ltd.
 • Canadian Research Institute
 • Ericsson Telephones Sales of
 Canada Ltd.
 Ferranti-Packard Electric Ltd.
 • Stark Electronic Instruments
 Ltd.
 Tinsley Instruments.

Associated Research, Inc.

Export Dept.

Audio Instrument Co., Inc.

Camille Bauer Ltd.

Burton-Rogers Co.

Elima G.m.b.H.

P. Gossen & Co. G.m.b.H.

Hartmann & Braun A.G.

Jack & Heintz, Inc.

Hewlett-Packard, Inc.

Hickok Electrical Instrument

Co.

Hoyst Electrical Instrument

Works

I/S Jensen Electric.

Metra Corporation

Nalder Bros. & Thompson.

Phaestron Instrument &

Electrical Co.

Sensitive Research Instr. Corp.

Shallcross Mfg. Co.

• Siemens Edison Swan Ltd.

Taylor Electrical Instruments Ltd.

Triplett Electrical Instrument

Co.

SLIDES—Chassis

Chassis-Trak, Inc.

Grant Pulley & Hardware Corp.

Jonathan Mfg. Co.

National Co. Inc.

Radio Frequency Labs. Inc.

SLIP RING ASSEMBLIES

Aviation Electric Ltd.

Honeywell Controls Ltd.

Johnson Matthey & Mallory Ltd.

Lucas-Rotax Ltd.

Breeze Corp., Inc.

Electro-Minutaries Corp.

Iron Fireman Mfg. Co.

• The J. M. Ney Co.

• Slip Ring Co. of America

United Sensor & Control Corp.

SOCKETS

1. Crystal

2. Diode

3. Lamp

4. Miniature

5. Pencil Tube

6. Pilot Light

7. Printed Circuit

8. Relay

9. Subminiature

10. Transistor

11. Tube

12. Turret

13. UHF Tube

14. Wiring Plug

Amalgamated Electric Corp. Ltd.

8.

Amphenol Canada Ltd.

1-2-4-6-7-8-9-11-13-14.

• Arrow-Hart & Hegeman Canada

Ltd. 3.

Audio Vox Intercom. 7.

• Canadian General Electric Co.

E.E. & T.D.

Cannon Electric Canada Ltd. 7.

Electronic Components Ltd.

Ericsson Telephone Sales of

Canada Ltd. 14.

H. B. Etlin Co. Ltd. 3.

The General Tire & Rubber Co.

Ltd. 11.

• R. Mack & Co. Ltd. 4-10.

Eric Marsland & Co. 4-11.

The Plessey Co. of Canada Ltd.

4-7-9-10-11.

• Rogers Electronic Tubes &

Components Div. of Philips

Electronics Industries Ltd. 11.

Sylvania Electric Canada Ltd.

1-2-3-4-9-10-11.

• United-Carr Fastener Co. of

Canada Ltd. 1-2-3-4-6-7-8-9-10-

11-14.

Aerolite Electronics Corp. 3-6.

Alcon Metal Prods., Inc. 4-7-11.

Amatom Electronic Hardware

Co., Inc. 3-6-7.

Belling & Lee Ltd. 4-7-9-14.

Birnbach Radio Co., Inc. 11.

The Birtcher Corp. 2.

A. F. Bulgin & Co. Ltd. 3-4-6.

Commercial Plastics Co.

- 3-6-9-10-12-13-14.
Connector Corp. 2-4-7-10-11.
Dialight Corp. 3-4.
Eagle Electric Mfg. Co. Inc. 14.
Hugh H. Eby Co. Inc.
1-2-4-7-9-10-11-14.
■ Eitel-McCullough, Inc. 11.
Elco Corp.
1-2-3-4-6-7-8-9-10-11-12-13-14.
Electronic Mechanics, Inc. 4-9.
Firma Torge Schoubbe, 6.
Fluorocarbon Prods., Inc. 11.
■ Grayhill, Inc. 2-4-5-10.
Harwin Engineers Ltd. 4-6-9-14.
Henry & Thomas Ltd. 1-8-11.
Heyman Mfg. Co. 6.
Industrial Hardware Mfg. Co.
Inc. 1-2-3-4-6-7-10-11-14.
International Instruments Inc. 4.
E. F. Johnson Co. 6-11.
Keystone Electronics Corp. 2.
Leach Corp., Leach Relay Div.
8.
Leecraft Mfg. Co., Inc. 3-6.
Line Electric Co. 11.
The McMurdo Instrument Co.
Ltd. 1-2-4-5-7-8-9-10-11-13-14.
Mandex Mfg. Co. 11.
Mayfair Molded Prods. Corp.
11-14.
Methode Mfg. 7-9-10-11-13.
National Co. Inc. 1-11.
Nems Clarke, Inc. 1.
Painton & Co. Ltd. 14.
Penn-East Engrg. Corp. 9-11.
Permonite Mfg. Co.
1-3-4-6-7-11.
W. J. Sanders (Electronics) Ltd.
8.
■ Siemens Edison Swan Ltd. 1-7-11.
■ Siemens & Halske A.G. 1-7-11-13.
Steatit-Magnesia A.G. 4-11-13.
Texas Crystals Div. 1-9.
Torotor A/S. 7-11.
Ucinite Co. 1-2-3-4-6-13-14.
Vector Electronic Co. 4-10-11-12.
Waldom Electronics Inc.
1-2-4-7-11.
Winchester Electronics, Inc. 7-8-9-11-13.
Alois Zettler GmbH. 8.

SOLDER

1. Acid Core 5. Silver
2. Aluminum 6. Resin Core
3. Platinum 7. Rings &
4. Lead Tin Preforms
■ Air Reduction (Canada) Ltd. 2-5.
■ Automatic Electric Sales
(Canada) Ltd. 1-4-6.
The Canada Metal Co. Ltd.
1-2-4-6-7.
The Consolidated Mining &
Smelting Co. of Canada Ltd.
3-4-5-7.
Engelhard Industries of Canada
Ltd. 3-5.
Eutectic Welding Alloy Co. of
Canada Ltd. 1-2-4-5-6-7.
Handy & Harman of Canada
Ltd. 5.
Johnson Matthey & Mallory
Ltd. 3-5-7.
Kester Solder Co. of Canada Ltd.
1-2-4-5-6-7.
Chemalloy Electronics Corp. 2.
Fry's Metal Foundries Ltd.
2-4-5-6.
Mico Instrument Co. 4.
Multicore Solders Ltd. 4-5-6-7.
Perdeck Solder Prods. Ltd. 1-4.
The Staver Co., Inc. 7.
Workman TV., Inc. 5.

SOLENOIDS

1. Rotary 3. Other
2. Sub-miniature
■ Canadian Cutler-Hammer Ltd.
■ Canadian General Electric Co.
E.E. & T.D.
Cannon Electric Canada Ltd. 2-3.
J. H. Darcy Co. 2-3.
Electronic Components Ltd. 3.
Electronic Engineering, 3.
L. H. Frost (Canada) Ltd. 3.
The Garrett Mfg. Corp. of
Canada Ltd. 3.
■ Hammond Mfg. Co. Ltd. 3.
Lucas-Rotax Ltd. 3.
Magnetic Coil Co. 2-1.
Marstrand Engrg. Co. Ltd. 1.
Osborne Electric Co. Ltd. 2-3.
Aemco, Inc. 3.
Allied Control Co., Inc. 3.
■ Comar Mfg. Co. 1.
Eckel Valve Co. 2-1.
■ Guardian Electric Mfg. Co.
Jack & Heintz Inc. 3.
Hillburn Electronic Prods. 1-2-3.
Leetronics, Inc. 1-2-3.
G. H. Leland, Inc. 3.

Licon Switch Div. Illinois Tool
Wks. 1.
Phillips Control Corp. 3.
Roto Mfg. Co. 1.
Skinner Electric Valve Div. 3.
Telectro Industries Corp. 2-3.
United Aircraft Prods., Inc. 2-3.
West Coast Electrical Mfg. Corp.
1-2-3.
Woden Transformer Co. 1.

SONAR

- Canadian General Electric Co.
E.E. & T.D.
■ Canadian Sonar Co.
■ Canadian Westinghouse Co. Ltd.
■ Edo (Canada) Ltd.
■ Raytheon Canada Ltd.
■ Titania Electric Corp. of Canada
Transonic Ltd.
■ Bendix Aviation Corp.
■ Edo Corp.
■ Gulton Industries, Inc.
Radiation, Inc.

SOUND SYSTEMS—

Complete

- Addison Industries Ltd.
Amalgamated Electric Corp. Ltd.
Audio Vox Intercom, Inc.
■ Automatic Telephone & Sound
Services Ltd.
■ E.M.I.-Cossor Electronics Ltd.
Electro-Vox Intercom, Inc.
Electronic Associates Ltd.
Electronic Communications Ltd.
Electronic Research & Develop-
ment Co. Ltd.
Engineered Sound Systems Ltd.
Ericsson Telephone Sales of
Canada Ltd.
Executone Communication
Systems Ltd.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson)
Industrial & Institutional
Communications Ltd.
■ Measurement Engrg. Ltd.
National Sound Services Ltd.
Northern Electric Co. Ltd.
Peffer Sound Systems Ltd.
T.M.C. (Canada) Ltd.
Tele-Radio Systems Ltd.
RCA Victor Co., Ltd.
David Bogen Co., Inc.
Compagnie Francaise Hortson
Dukane Corp.
Etelec Ltd.
Isophon-Werke GmbH.
Jensen Mfg. Co.
Mark Simpson Mfg. Co. Inc.
National Sound Services Ltd.
National Theatre Supply Co.
R. W. Neill Co. Inc.
Rauland Borg Corp.
■ Siemens & Halske A.G.
Sound-Craft Systems.
The Trix Electrical Co. Ltd.
Webster Electric Co.
Whiteley Electrical Radio Co.
Ltd.

SPEAKERS

1. Dual Cone 4. Low
2. Flame and 5. Frequency
3. Explosion Proof Speaker
4. High Frequency Systems
5. Wide Range
Amalgamated Electric Corp. Ltd.
6.
■ Canadian General Electric Co.
E.E. & T.D.
Daystrom Ltd. (Heath) 1.
EV of Canada Ltd. 1-3-4-6.
Ericsson Telephone Sales of
Canada Ltd. 3-4-5.
Executone Communication
Systems Ltd. 2-5.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson) 2-3-4-5-6.
■ R. Mack & Co. Ltd. 1-3-4.
Marstrand Engrg. Co., Ltd.
3-4-5-6.
The Plessey Co. of Canada Ltd.
3-4-6.
Renfrew Electric Co. Ltd. 1-3-4-6.
■ Rogers Electronic Tubes &
Components Div. of Philips
Electronics Ind. Ltd. 1-3-4-6.
F. V. Topping Electronics Ltd. 5.
Acoustical Mfg. Co. 6.
Robert Allen Ltd. 3-4-6.
Amalgamated Wireless 1-3-4-6.
Argos Prods. Co. 1-3-4-6.
Atlas Sound Corp. 2.
Bozak Sales Co. 1-3-4-6.
■ Eleton, Inc. 1-2-3-4-6.
Compagnie Francaise Hortson
3-4.
Crowell Designs 5.
Duode Ltd. 1.
Dukane Corp. 3-4.

- Electro Voice Inc. 1-3-4-6.
Electronic Instrument Co. 6.
Elektromesstechnik Wilhelm
Franz
Feho Lautsprecherfabrik 1-3-4-6.
Goodmans Industries Ltd.
1-3-4-6.
Guest Prods. Corp. 5.
Harley Prods. Co. 6.
Isophon Werke GmbH. 1-3-4-6.
Jensen Mfg. Co. 2-5.
James B. Lansing, Inc. 3-5-6.
Magnavox Co. 1-2-3-4-6.
National Theatre Supply Co.
3-4-6.
Oakton Industries 4-6.
Oxford Components, Inc. 1-4-6.
Oxford Electric Corp. 1.
Quam-Nichols Co. 1-3-4-6.
Racon Electric Co. Inc.
1-2-3-4-5-6.
Radio Corp. of America. 5.
Reproducers & Amplifiers Ltd.
1-3-4-6.
Rols-Celestion Ltd. 3-4-6.
■ Siemens & Halske A.G. 1-2-3-4-5-6.
Sonotone Corp. 3-4.
Telefunken GmbH. 1-3-4-6.
The Trix Electrical Co. Ltd. 5.
University Loudspeakers Inc.
1-2-3-4-5-6.
Utah Radio Prods. Corp.
1-2-3-4-5-6.
Vitavox Ltd. 1-6.
Wharfedale Wireless Works Ltd.
1-3-4-5.
Whiteley Electrical Radio Co.
Ltd. 2-3-4-5-6.

SPECTROMETERS

1. Gamma Ray 3. Recording
2. Mass
Dial & Instrument Finishers Ltd.
1.
Dominion Electrohome Industries
Ltd. Tech. Prods. Div. 1.
Electronic Associates Ltd. 1.
Fisher Scientific Co., Ltd. 3.
■ Measurement Engrg. Ltd. 2.
Baird-Atomic, Inc. 1-3.
BJ Electronics. 1.
Beckman Instruments, Scientific
Div. 2-3.
Bendix Aviation Corp. 2.
A/S Bruel & Kjaer. 3.
Chirana Corp. 1-2-3.
Dunn Engineering Associates
Inc. 2.
Julie Research Labs., Inc. 7.
Metropolitan-Vickers Electrical
Co., Ltd. 2.
Nuclear Corp. of America,
Instrument Div. 1.
Radiation Counter Labs., Inc.
1-3.
■ Siemens & Halske A.G.
The Victoreen Instrument Co. 1.
Winston Electronics Ltd. 3.

SPECTROPHOTOMETERS

- Canadian General Electric Co.
E.E. & T.D.
Dominion Electrohome
Industries Ltd. Tech. Prods.
Div.
Fisher Scientific Co., Ltd.
Tecneek Associates
Baird-Atomic, Inc.
R. & J. Beck Ltd.
Beckman Instruments, Inc.,
Instruments Div.
Chirana Corp.
Eldorado Electronics Co.
Instrument Development Labs.,
Inc.
Joyce, Loebel & Co. Ltd.
Dr. B. Lange.
Photovolt Corp.
Telechrome Mfg. Corp.
Welch Mfg. Co.

SPRINGS

1. Antenna Tension 3. Precision
2. Instrument Hair-springs 4. Other
The Wallace Barnes Co., Ltd.
1-2-3-4.
Bohne Industries Ltd. 3-4.
Dominion Fasteners Ltd. 4.
Tenatronics Ltd. 1-4.
The Wind Turbine Co. of Canada
Ltd. 1.
Birnbach Radio Co., Inc. 1.
Crucible Steel Company of
America. 4.
PIC Design Corp. 3.
Taylor Spring & Mfg. Inc. 3.
Ward Prods. Co. 1.

STANDARDS

1. Capacitance 5. Laboratory
2. Frequency Time
3. Frequency 6. Phase
Microwave 7. Resistance
4. Inductance
Aerovox Canada Ltd. 1-4-7.
■ Canadian Marconi Co. 2-5.
■ Canadian Research Institute 1-7.
Daystrom Ltd. (Heath) 1.
Leeds & Northrup Canada Ltd.
1-4-7.
■ Phillips Electronics Industries
Ltd. 1.
Polytronics Co. 7.
Renfrew Electric Co. Ltd. 7.
C. R. Snelgrove Co. Ltd. 2.
■ Standard Telephones & Cables
Ltd. 1-2-4.
Tinsley Instruments (Canada)
Ltd. 1-4-7.

- Acton Labs., Inc. 6.
Arco-Elmenco, 1.
Avien Inc. 1.
BJ Electronics. 2.
Rex Bassett Inc. 2.
■ Berkeley Div., Beckman
Instruments Inc. 2-5.
■ Bomac Labs. Inc. 3.
Boonton Electronics Corp. 1.
Borg-Warner Corp.
Bulova Watch Co. 2.
Cambridge Instrument Co. Ltd.
4-7.
Computer Measurement Corp. 2.
Consolidated Resistance Co. of
America, Inc. 1-7.
Control Electronics Co. Inc. 3.
Croydon Precision Instrument
Co. 7.
A/S Danbridge 1-2-4-7.
Elektromesstechnik Wilhelm
Franz
Frequency Standards Ltd. 2-3.
General Radio Co. 1-2-4-5.
P. Gossen & Co. GmbH. 7.
Hartmann & Braun A.G. 1.
Hewlett-Packard Co. 2-3.
Industrial Test Equipment Co. 2.
Instruments, Inc. 5.
Julie Research Labs., Inc. 7.
Laboratory for Electronics, Inc.
3.
Lavoie Labs., Inc. 2-5.
Manson Labs., Inc. 2-3.
Metra Corporation 7.
Mid-Eastern Electronics 4-7.
Plastics Capacitors, Inc. 1.
Potter Instrument Co. Inc. 1-2.
W. G. Pye Co. Ltd. 5.
Radio Corp. of America 3.
S. A. Rocher Electronique 2-5.
Shallcross Mfg. Co. 7.
Specific Products Co. 5.
Texas Instruments Incorporated
2-3.
A/S Tobias Jensen Condenser
Prods. Co. Ltd. 1.
Van Norman Industries Inc.
Electronics Div. 2.
Varo Mfg. Co., Inc. 2.
Waveline Inc. 3.

STANDARDS

EQUIPMENT—Calibration

- Bayly Engineering Ltd.
■ Canadian Research Institute.
S. Smith & Sons (Canada) Ltd.
Tinsley Instruments.
C. R. Snelgrove Co. Ltd.
B. J. Electronics Borg-Warner
Corp.
Chemalloy Electronics Corp.
Consolidated Resistance Co. of
America
Eldorado Electronics Co.
Electro Instruments, Inc.
Electronic Instruments Ltd.
General Radio Co.
P. Gossen & Co. GmbH.
John Fluke Mfg. Co., Ltd.
Julie Research Labs. Inc.
Kearfott Co. Inc.
Wayne Kerr Labs. Ltd.
Lavoie Labs., Inc.
Manson Laboratories, Inc.
Mid-Eastern Electronics.
Potter Instrument Co., Inc.
Radio Frequency Labs. Inc.
Schomandl K.G.
Sensitive Research Instrument
Corp.
Shallcross Mfg. Co.
Weinschel Engrg. & Mfg. Corp.

STANDS

- M. Microphone S. Speaker
■ Canadian Astatic Ltd. M.
Electronic Communications Ltd.
M-S.
EV of Canada Ltd. M.
■ Hackbusch Electronics Ltd.
(Stromberg-Carlson) M.
■ R. Mack & Co. Ltd. M.

National Sound Services Ltd.
M-S.
Northern Electric Co. Ltd. M.

Atlas Sound Corp. M-S.
Dukane Corp. M.
Electro Sonic Labs., Inc. M.
Electro Voice, Inc. M.
Gramphon Reproducers Ltd. M.
Lustraphone Ltd. M.
R. W. Neill Co., Inc. M-S.
Racon Electric Co., Inc. M.
Reslo Sound Ltd. M.
Telefunken GmbH. M.
Turner Co. M.
Radio Corp. of America. M.
The Trix Electrical Co. Ltd. M.
Vitavox Ltd. S.

STRAIGHTENERS—Pin, Tube

Belling & Lee Ltd.
General Cement Mfg. Co.
Siemens Edison Swan Ltd.
Vector Electronic Co.
Workman TV, Inc.

STRAIN RELIEFS

Amphenol Canada Ltd.
National Fibre Co. of Canada Ltd.
N. Slater Co., Ltd.
Spaulding Fibre of Canada Ltd.

Birnbach Radio Co., Inc.
General Cement Mfg. Co.
Heyman Mfg. Co.
Phalo Plastics Corp.

STRIP TRANSMISSION LINES

Amphenol Canada Ltd.

Aerialite Ltd.
Coaxial Connector Co., Inc.

STROBOSCOPES

Canadian Research Institute.
Dominion Electrohome Industries Ltd. Tech. Prod. Div.
E.M.I.-Cossor Electronics Ltd.
Philips Electronics Industries Ltd.
R. H. Nichols Ltd.
Tecneek Associates

Chadwick-Helmuth Co.
Communication Measurements Lab., Inc.
Dawe Instruments Ltd.
Deuta-Werke GmbH.
Drelo Ing. Paul Drellwell.
General Radio Co.
Jaquet Ltd.
Rek-O-Kut Co.
Sanborn Co.
Savage & Parsons Ltd.
Slaughter Co.
Ernest Turner Electrical Instruments Ltd.

STYLI

1. Cutting
2. Playback, Diamond
3. Playback, Metal
4. Playback, Sapphire

Canadian Astatic Ltd. 1-2-3-4.
Canadian General Electric Co. E.E. & T.D.
EV of Canada Ltd. 2-4.
R. Mack & Co. Ltd. 2-4.
Regency Electronics Ltd. 2-3-4.

Audio Devices, Inc. 1-3-4.
Collaro Ltd. 2-4.
Cosmocord Ltd. 2-4.
Duotone Co., Inc. 1-2-3-4.
Electro Voice, Inc. 2-4.
Fairchild Recording Equipment Co. 2.
Jensen Industries Inc. 2-3-4.
H. J. Leak & Co. Ltd. 2.
M. A. Miller Mfg. Co. 3.
Nagaoka Mfg. Co. 2-4.
Recoton 2-3-4.
Reeves Soundcraft Corp. 1.
Rek-O-Kut Co. 1-2-3-4.
A. R. Sugden & Co. Ltd. 2-4.
Webster Electric Co. 2-4.

SWITCHBOARDS—Automatic

Amalgamated Electric Corp. Ltd.
Automatic Electric (Canada) Ltd.
Canadian Westinghouse Co. Ltd.
Electronic Communications Ltd.
Erickson Telephone Sales of Canada Ltd.
Hackbusch Electronics Ltd. (Stromberg-Carlson)
R. H. Nichols Ltd.

Northern Electric Co. Ltd.
Powertronic Equipment Ltd.
Standard Telephones & Cables Mfg. Ltd.

Auth Electric Co., Inc.
Automatic Electric Co.
Autophone Ltd.
DuKane Corp.
Etelco Ltd.
Kellogg Switchboard & Supply Co.
Telephone Mfg. Co., Ltd.

SWITCHBOARDS—Television Master

Canadian General Electric Co. E.E. & T.D.
E.M.I.-Cossor Electronics Ltd.
Hackbusch Electronics Ltd. (Stromberg-Carlson)
Northern Electric Co. Ltd.
Tele-Radio Systems Ltd.

Grundig Radio Werke
Telechrome Mfg. Corp.
Telefunken G.m.b.H.

SWITCHES

1. Automatic Transfer
2. Coaxial Cable
3. Control
4. Crossbar
5. Decade
6. Duplex
7. Electronic
8. Float Type
9. Key
10. Knife
11. Limit
12. Mercury
13. Microwave
14. Miniature
15. Pressure
16. Pushbutton
17. Remote Control
18. Rotary and Band Change
19. Safety
20. Slide
21. Snap Action
22. Stepping
23. Sub-miniature
24. Tap
25. Telemetering
26. Time
27. Toggle
28. Transformer
29. Vacuum

Airtron Canada Ltd. 13.
Allen-Bradley Canada Ltd. 11-15.
Amalgamated Electric Corp. Ltd. 19-21-22-27.
Amphenol Canada Ltd. 2-4.
Andrew Antenna Corp. Ltd. 2.
Arrow-Hart & Heegman (Canada) Ltd. 3-7-9-16-20-21-27.
Automatic Electric (Canada) Ltd. 9-16-22.
Aviation Electric Ltd. 15-19-29.
Brown, Boveri (Canada) Ltd. 1-3-13-16-25.
Canadian Controllers Ltd. 16-17.
Canadian Cutler-Hammer Ltd. 8-11-12-14-15-16-27.
Canadian Electric Resistors Ltd. 24.
Canadian General Electric Co. Ltd. 1-2-3-4-9-10-11-12-14-15-17-21-23-25-26-27.
Canadian Liquid Air Co. Ltd. 16.
Canadian Research Institute 5-7-26.
Canadian Stackpole Ltd. 16-20.
Canadian Westinghouse Co. Ltd. 1-3-7-16-17-19.
Cdn. Marconi Co., Radio Relay Div. 13.
Centralab Canada Ltd. 18-20-23.
C. P. Clare (Canada) Ltd. 9.
Controls Co. of America (Canada) Ltd. 8-16-20-21-27.
Davis Automatic Controls Ltd. 1-3-8-11-12-15-16-17-26.
Dominion Electrohome Industries Ltd., Tech. Prod. Div. 3-9-16.
Edwards High Vacuum Canada Ltd. 29.
Electrical Mfg. Co. 10.
Electronic Communications Ltd. 1-7-11-22-26.
Electronic Components Ltd. 16-27.
H. B. Etlin Co. Ltd. 27.
Ericsson Telephone Sales of Canada Ltd. 3-4-16-17-18-21-22.
Ferranti-Packard Electric Ltd. 7-13.
L. H. Frost Canada Ltd. 21.
Hackbusch Electronics Ltd. (Stromberg-Carlson) 4-5-6-9-17-22-25.
Helipot Div., Beckman Instr., Inc. 5.
Honeywell Controls Ltd. 9-11-12-14-15-16-18-21-23-27-29.
Jerrold Electronics (Canada) Ltd. 2.
Lenkurt Electric Co. of Canada Ltd. 1-17.
Lucas-Rotax Ltd. 16-21-27.
R. Mack & Co. Ltd. 9-10-14-16-20-27.
Measurement Engrg. Ltd. 16.
Muirhead Instruments Ltd. 5-9-13-14-17-22.
Northern Radio Mfg. Co. Ltd. 7-17-25.

Osborne Electric Co., Ltd. 10.
The Plessey Co. of Canada Ltd. 17-18-20.
Radio Components Ltd. 3-5-7-9-14-16-18-20-21-22-23-24-25.
Renfrew Electric Co. Ltd. 6-18.
T.M.C. (Canada) Ltd. 2-7.
Tecneek Associates 21-22-24.
Tinsley Instruments (Canada) Ltd. 5.
United-Carr Fastener Co. of Canada Ltd. 16.
Vector Labs. Inc. 2.
Ward Leonard of Canada Ltd. 10-16-28.
The Wind Turbine Co. of Canada Ltd. 16.

Aemco, Inc. 26.
Advance Components Ltd. 2-5-18.
A. E. G. 18.
A/G'A Division of Esna. 26.
Aerialite Ltd. 2.
Aero Supply Co. 8.
Alford Mfg. Co. 2.
American Designed Components, Inc. 12-26.
Amplivox Ltd. 23.
Arcoelectric Switches Ltd. 27.
Armour Corp. 7-25.
Atlas Electric Products. 12.
Austinlite Ltd. 16.
Auth Electric Co., Inc. 16.
Automatic Electric Co. 9-16-22.
Automatic Metal Prod., Corp. 2.
Automatic Timing & Controls, Inc. 36.
Birnbach Radio Co., Inc. 10-14-16-18-20-23-27.
Barkdale Valves 15-29.
Bogart Mfg. Corp. 2-13.
Bomac Labs., Inc. 13.
A. F. Bulglin & Co. Ltd. 9-14-16-18-19-20-21-27.
Burroughs Corp. 7.
The British Electric Resistance Co. 24-26.
California Computer Prods., Inc. 7-25.
The Capitol Machine Co. 9-16.
Carling Electric, Inc. 20-27.
Carter Parts Co. 23.
Century Electronics & Instruments 15.
Cherry Electrical Prods. Corp. 3-7-11-14-21.
Chicago Miniature Lamp Works 23.
Cinema Engrg., Div. Aerovox Corp. 3-5.
Circle "F" Mfg. Co. 6-10-21-27.
Claroastat Mfg. Co., Inc. 7-14-18.
Coaxial Connector Co., Inc. 1-2.
Coleman Engrg. Co., Inc.
Computer Measurements Corp. 26.
Consolidated Controls Corp. 15.
Consolidated Electrodynamics Corp. 29.
Continental Glass Works Ltd. 27.
Control Prods. Inc. 16-21-27.
Corning Glass Works 12.
Couch Ordnance. 18.
Cramer Controls Corp. 26.
Croydon Precision Instrument Co. 18.
James Cunningham & Son, Inc. 4/S Danavox. 23.
Danbury Knudsen Div. of Amphenol Electronics Corp. 2-13.
The Daven Co. 3-9-14-18-20-23-24.
Del Electronics Corp. 7.
Dewhast & Partner Ltd. 11.
Diamond Antenna Microwave Corp. 13.
Dielectric Prods. Engrg. Co., Inc. 2-13.
D & M Prods. 1-3-20-27.
Douglas Microwave Co., Inc. 13.
Durakool Inc. 12.
Eagle Electric Mfg. Co., Inc. 6-10-12-16-18-21-27.
Ebert Electronics Corp. 7-12-14-21-26-28-29.
Eby Sales Co. 20.
Edwards High Vacuum Ltd. 29.
Egen Electric Ltd. 16-21-27.
Eitel-McClough, Inc. 29.
Electro-Miniatures Corp. 23-24.
Electronics Specialty Co. 2-3-7-13-14-17.
Electronsnap Corp. 11-14-16-21-23-27.
Electro Switch Corp. 17-21-24.
Electrocraft, Inc. 14-16-23.
Electro-Miniatures Corp. 14-18-23-25.
Electrovac 12.
Electronic Instruments Co., Inc. 7.
Electronic Specialty Co. 2.
George Elfin Ltd. 28.
Engel and Gibbs 12.
Engineered Electronics Co. 22.
Etelco Ltd. 22.
Firma Tage Schouboe. 16-28.

General Cement Mfg. Co. 16-20-27.
General Communications Co. 2-13.
General Radio Co. 5.
Gordos Corp. 12.
Gorn Elec. Co., Aircraft Controls Div. 8-15-29.
Gorrell & Gorrell. 26.
Grayhill, Inc. 5-14-16-17-21-24.
Great Lakes Mfg. Corp. 15.
Greenleaf Mfg. Co. 15-25.
Grigsby Co., Inc. 8-17.
Guardian Electric Mfg. 22.
Hartman Electrical Mfg. Co., The 1-17.
Haenni & Co. A. G. 15.
Heinemann Electric Co. 10.
Henry & Thomas Ltd. 9.
Hetherington Inc.
Horstmann Gear Co. Ltd. 26.
Hughes Prods., Hughes Aircraft Co. 3-5-6-7-11-14-17-18-19-22-23-25.
Industrial Instruments Inc. 5-18.
Inertia Switch, Inc. 11-14-16-28-21-23-27.
Instrument Dev. Labs., Inc. 25.
International Instruments, Inc. 9-14-18-22-23-27.
Isotope Dev. Ltd. 7.
I-T-E Circuit Breaker Co. 13.
J.B.T. Instruments, Inc. 18-21-27.
Jerrard Radio Mfg. Corp. 2-29.
Jerrold Electronics Corp. Inc. 2-7.
Kearfoot Co. Inc. 13.
Kellogg Switchboard & Supply Co. 4-22.
The Keyswitch Co. 7-9-25.
Kulka Electric Corp. 27.
Leach Corp. 3-4-7-10-12-15-18-19-20-23-24.
Leetronics, Inc. 13.
G. H. Leland Inc. 22.
Licon Switch Div., Illinois Tool Works. 11-14-16-17-21-23-27-29.
Littelfuse Inc. 12.
P. R. Mallory & Co. Inc. 14-16-18-21.
The McMurdo Instrument Co. Ltd. 28.
Meridian Metalcraft, Inc. 13.
Metals & Controls Corp. 11-14-15-21-23.
Microdot, Inc. 2.
Montgomery Mfg. Co. 26.
Moore Associates, Inc. 25.
Donald P. Mossman, Inc. 16-21-27.
Muirhead & Co. Ltd. 3-5-9.
Northern Radio Co., Inc. 7-17-25.
Oak Mfg. Co. 3-5-7-9-14-16-18-20-21-22-23-24-25.
Ohmite Mfg. Co. 24-28.
Painton & Co. Ltd. 3-5-16-24-27.
Paragon Electric Co. 26.
Penn-East Engrg. Corp. 18-27.
Penta Labs., Inc. 29.
Peschel Electronics, Inc. 7.
Photo Crystals, Inc. 11.
Prodell, Inc. 2-13.
Pneu-Trol, Inc. 26.
Potter Instrument Co., Inc. 5.
W. G. Pye Co. Ltd. 5-25.
Racal Engrg. Ltd. 2.
Radiation, Inc. 7.
Reverse Corp. of America 8-15.
M. H. Rhodes, Inc. 26.
Richards Electrocraft, Inc. 14-16-27.
Roller-Smith Instruments, Inc. 3-18.
Sealco Controls, Inc. 29.
Shallcross Mfg. Co. 3-5-14-16-18-23-24-28.
Siemens & Halske A.G. 1-3-11-12-16-17-21-22-23-25-26-29.
Siemens-Schuckertwerke A.G. 11-16-17-25.
Switchcraft, Inc. 3-9-10-14-16-18-27.
Tally Register Corp. 7.
Tech. Labs., Inc. 4-7-17-18-22-24-25-28.
Technicraft Labs., Inc. 13.
Teletro Industries Corp. 26.
Telephone Mfg. Co., Ltd. 4.
Telephonics Lab. 7.
Torotor A/S. 5-9-16-18-24-27.
Trad Electronics Corp. 2.
Tranco Prods., Inc. 2-7-13-17.
Ucinite Co. 4-5-11-14-16-18-23-24.
Unimax Switch Div. of Maxson Corp. 11-16-21-23.
United Electrical Controls Co. 2-3-11-15-17-19-21-29.
Universal Circuit Controls Corp. 3-7-9-14-15-16.
Vactric (Control Equipment) Ltd. 18-25.
Varo Mfg. Co. 7.
Vesco Vacuum Corp. 29.
Venner Electronics Ltd. 5-7-26.
The Walkirt Co. 7.
Whiteley Electrical Radio Co. Ltd. 10-16.

SYNCHROS

- Aviation Electric Ltd.
- Collins Radio Co. of Canada Ltd.
- Daystrom Ltd.
- Helipot Div., Beckman Instr., Inc.
- Muirhead Instruments Ltd.
- Sperry Gyroscope Co.

- Diehl Mfg. Co.
- Induction Motors Corp.
- Kearfott Co., Inc.
- Muirhead & Co., Ltd.
- Norden Div., United Aircraft Corp.
- John Oster Mfg. Co.
- Rotron Mfg. Co.
- Servonics Inc.
- Telectro Industries Corp.

SYNCHROSCOPES

- Aviation Electric Ltd.
- Daystrom Ltd. (Western)
- Ferranti-Packard Electric Ltd.
- Raytheon Canada Ltd.

- Chadwick-Helmuth Co.
- Elima G.m.b.H.
- Hughes Prods., Hughes Aircraft Co.
- Polarad Electronics Corp.
- Siemens-Schuckertwerke A.G.
- Sylvania Electric Corp.

T

TACHOMETERS

- R. Rotary E. Electronic

- Aviation Electric Ltd. R-E.
- Bach Simpson Ltd. E.
- Bailey Meter Co. Ltd. R.
- The Canadian Fairbanks-Morse Co., Ltd. R.
- Canadian General Electric Co. E.E. & T.D. R.
- Canadian Research Institute. R-E.
- Daystrom Ltd. (Heath) R-E.
- Dominion Electrohome Industries Ltd., Tech. Prods. Div. R-E.
- E.M.I.-Cossor Electronics Ltd. E.
- Electronic Associates Ltd. E.
- Electronic Communications Ltd. E.
- EV of Canada Ltd. E.
- Found Bros. Aviation Ltd. E.
- Honeywell Controls Ltd. E.
- George Kelk Ltd. E.
- Measurement Engrg. Ltd. R-E.
- Muirhead Instruments Ltd. R.
- Servomechanisms (Canada) Ltd. R-E.
- S. Smith & Sons (Canada) Ltd. R.
- Sperry Gyroscope Co.
- Tecneek Associates R.
- F. V. Topping Electronics Ltd. E.
- Vector Labs. Inc. E.

- A. E. G. E.
- Airfax Products Co. R-E.
- Associated Research, Inc. R.
- Baird-Atomic Inc. E.
- Barber-Colman Co. R-E.
- Beckman Instruments, Systems Div. R-E.
- Berkeley Div., Beckman Instruments E.
- British Physical Labs. R-E.
- Computer Measurements Corp. E.
- Diehl Mfg. Co. R.
- Deuta-Werke GmbH. R.
- Electro Voice, Inc. E.
- Esterline Angus Co., Inc. E.
- Evered & Vignoles Ltd. R.
- The Foxboro Co. E.
- Hartman & Braun A.G. R.
- Hewlett-Packard, Inc. E.
- Jack & Heintz, Inc. R.
- Jaquet Ltd. R.
- Kearfott Co. Inc.
- Magtrol, Inc. E.
- Muirhead & Co. Ltd. R.
- Norden Div., United Aircraft Corp. R.
- Potter Instrument Co., Inc. E.
- The Record Electrical Co. Ltd. R.
- S. A. Rocher Electronique R-E.
- Rotating Components Inc. R.
- Slaughter Co. E.
- Southwestern Industrial Electronics E.
- Vactric (Control Equipment) Ltd. R.
- Varo Mfg. Co., Inc. E.
- Venier Electronics Ltd. E.
- WacLine Inc. R.
- Waugh Engrg. Co. E.

TAPE MECHANISMS

- E.M.I.-Cossor Electronics Ltd.
- Electronic Specialties
- Electronic Communications Ltd.
- Ferranti-Packard Electric Ltd.
- Found Bros. Aviation Ltd.
- Honeywell Controls Ltd.
- Sea Breeze Mfg. Ltd.
- Vector Labs. Inc.

- Ampex Corp.
- British Ferrograph Recorder Co. Ltd.
- Collaro Ltd.
- Electro Data Div. Burroughs Corp.
- Elektromesstechnik Wilhelm Franz
- Epsylon Industries Ltd.
- Garrard Engrg. & Mfg. Co. Ltd.
- Hughes Prods., Hughes Aircraft Co.
- Hycon-Eastern, Inc.
- Librascope, Inc.
- Luxor Radio A/B
- Magnecord Div. of Midwestern Instruments
- The Pentron Corp.
- Precision Instrument Co.
- Potter Instrument Co., Inc.
- Selectronic Corp.
- Tape-Athlon
- Telectronic Corp.
- Truvox, Inc.
- Viking of Minneapolis
- Webcor, Inc.
- Webster Electric Co.

TAPES—Recording

- Astral Electric Co. Ltd.
- Canadian Astatic Ltd.
- E.M.I.-Cossor Electronics Ltd.
- Ersson Telephone Sales of Canada Ltd.
- International Business Machines Co. Ltd.
- Minnesota Mining & Mfg. of Canada Ltd., Electrical Prods. Div.
- Sea Breeze Mfg. Ltd.

- Ampex Corp.
- Audio Devices, Inc.
- Badische Anilin & Soda Fabrik
- Collaro Ltd.
- E.M.C. Recordings
- Electronic Specialties
- Ferrodynamics Corp.
- General Transistor Western Corp.
- Gulton Industries, Inc.
- Orradio Industries, Inc.
- The Pentron Corp.
- Potter Instrument Co., Inc.
- Reeves Soundcraft Corp.
- The SoundScriber Corp.
- Tape-Athlon Music, Inc.
- Telectro Industries Corp.
- Telectronic Corp.

TEES MICROWAVE

- Airtiron Canada Ltd.
- Cdn. Marconi Co., Radio Relay Div.
- Canadian Westinghouse Co. Ltd.
- Raytheon Canada Ltd.
- Sinclair Radio Labs. Ltd.
- Sperry Gyroscope Co.
- Bogart Mfg. Corp.
- CWS Waveguide Corp.
- Coaxial Connector Co., Inc.
- DeMornay-Bonardi
- Diamond Antenna Microwave Corp.
- Dielectric Products Engrg. Co. Inc.
- Electronics Specialty Co.
- Ferranti Ltd.
- FXR, Inc.
- Hammarlund Mfg. Co., Inc.
- Hewlett-Packard Co.
- Kearfott Co., Inc.
- Meridian Metalcraft Inc.
- Microwave Assoc., Inc.
- Narda Microwave Corp.
- Radar Design Corp.
- Technicraft Lab., Inc.
- Telerad Mfg. Corp.
- Transco Prods., Inc.
- Waveline Inc.

TELEPHONES—Handsets

- Amalgamated Electric Corp. Ltd.
- Automatic Electric Canada Ltd.
- Campbell Mfg. Co. Ltd.
- Electronic Communications Ltd.
- Electronic Materials International Ltd.
- Ericsson Telephone Sales of Canada Ltd.
- Hackbusch Electronics Ltd. (Stromberg-Carlson)
- Northern Electric Co. Ltd.
- T.M.C. (Canada) Ltd.
- Autophone Ltd.
- Automatic Electric Co.

- David Bogen Co., Inc.
- S. G. Brown Ltd.
- The S. H. Couch Co., Inc.
- DuKane Corp.
- English Telephones Ltd.
- Etelco Ltd.
- Hasler Telephones
- Hose McCann Telephone Co. Inc.
- Kellogg Switchboard & Supply Co.
- The Keyswitch Co.
- The Murdock Corp.
- Siemens & Halske A.G.
- James S. Spivey Inc.
- Telephone Mfg. Co. Ltd.

TELEVISION SYSTEMS—

Industrial

- Benco Television Associates Ltd.
- Canadian General Electric Co. E.E. & T.D.
- Diamond Specialty Ltd.
- E.M.I.-Cossor Electronics Ltd.
- Electronic Associates Ltd.
- Jerrold Electronics (Canada) Ltd.
- Pye Canada Ltd., TV Trans. Div.
- RCA Victor Co. Ltd.
- Blonder Tongue Labs., Inc.
- Allen B. Du Mont Laboratories, Inc., Int. Div.
- Entron, Inc.
- General Precision Lab.
- Giantview Closed Circuit Television Network
- Grundig Radio Werke
- Hallamore Electronics Co.
- Hughes Prods., Hughes Aircraft Co.
- Ingenieur Buro Atlas
- Kin-Tel
- Murphy Radio, Ltd.
- Philo Corp., Gov. & Ind. Div.
- Sarkes Tarzian, Inc.
- Siemens & Halske A.G.
- Teletone Mfg. Corp.
- Television Utilities Corp.

TERMINAL

- 1. Blocks 3. Strips

- 2. Boards
- Allen-Bradley Canada Ltd. 1.
- Amalgamated Electric Corp. Ltd. 1.
- Amphenol Canada Ltd. 1-2-3.
- Arrow-Hart & Hegeman Canada Ltd. 1.
- Automatic Electric (Canada) Ltd. 1.
- Burndy Canada Ltd. 1.
- Canadian General Electric Co. E.E. & T.D.
- Consolidated Electric Equipment Co. Ltd. 1.
- Continental-Diamond Fibre Ltd. 1-2-3.
- Cyanamid of Canada Ltd. 1-2.
- Dial & Instrument Finishers Ltd. 1.
- Electronic Communications Ltd. 2-3.
- Electronic Components Ltd. 1-3.
- Ericsson Telephone Sales of Canada Ltd. 1-2-3.
- H. B. Etlin Co. Ltd. 1.
- Great Lakes Electrical Spec. Ltd. 1.
- Hackbusch Electronics Ltd. (Stromberg-Carlson) 1-2-3.
- Honeywell Controls Ltd. 1-2-3.
- Lenkurt Electric Co. of Canada Ltd. 1-3.
- Lucas-Rotax Ltd. 1-3.
- Eric Marsland & Co. 2-3.
- Measurement Engrg. Ltd. 2-3.
- National Fibre Co. of Canada Ltd. 1-2-3.
- Northern Electric Co. Ltd. 1.
- Oki & Willadsen Ltd. 1-2-3.
- The Plessey Co. of Canada Ltd. 1.
- Powertronic Equipment Ltd.
- Spaulding Fibre of Canada Ltd. 1-2-3.
- F. V. Topping Electronics Ltd. 2-3.
- United-Carr Fastener Co. of Canada Ltd. 1-2-3.
- White Radio Ltd. 1-3.
- X-Ray & Radium Industries Ltd. 1.
- Aerialite Ltd. 1.
- Allied Plastics Supply Corp. 1-2-3.
- Amatom Electronic Hardware Co., Inc. 3.
- Atlas E-E Corp. 3.
- Auth Electric Co., Inc. 1.
- Automatic Coil Co., Inc. 1-2.
- Automatic Electric Co. 1.
- Belling & Lee Ltd. 1-3.
- Buchanan Electrical Products Corp. 1.

- Birnbach Radio Co. Inc. 3.
- A. F. Bulgin & Co. Ltd. 1-2-3.
- Chicago Industrial Instrument Co. 2-3.
- Cinch Mfg. Co. 1-2-3.
- Coaxial Connector Co. Inc. 1.
- Donner Scientific Co. 2.
- Hugh H. Eby Co., Inc. 1-2-3.
- The Finney Co. 3.
- General Cement Mfg. Co. 2-3.
- Grayhill, Inc. 2-3.
- Harwin Engineers Ltd. 1-2-3.
- Henry & Thomas Ltd. 3.
- Industrial Hardware Mfg. Co., Inc. 1-2-3.
- Insulators Ltd. 1.
- Keystone Electronics Corp. 1-2-3.
- Kulka Electric Corp. 1-3.
- Lerco Electronics, Inc. 1-2-3.
- Littelfuse Inc. 1-2.
- Litton Industries, Inc. 2-3.
- Mandex Mfg. Co. 3.
- The Murdock Corp. 1-2.
- National Tel-Tronics Corp. 1-2-3.
- Permonite Mfg. Co. 3.
- Precision Metal Prods. 2-3.
- Revere Corp. of America. 3.
- Siemens Edison Swan Ltd. 1-2-3.
- Herman H. Smith, Inc. 1-2-3.
- The States Co. 1-2-3.
- Stever-Locke Specialties, Inc. 2.
- Tufnol Ltd. 1-2-3.
- Vector Electronic Co. 2-3.
- Waldom Electronics, Inc. 3.
- The Wamsco Co. 1.
- C. A. Weidmuller K.G. 1-3.
- Whiteley Electrical Radio Co. Ltd. 2.
- F. Wieland Elektrische Industrie 1-2-3.

TERMINALS

- 1. Hermetic-ally Sealed 3. Sub-miniature
- 2. Miniature 4. Solderless
- 5. Other
- Aircraft-Marine Prods. of Canada Ltd. 2-4.
- Amphenol Canada Ltd. 1-2-3.
- Automatic Electric Sales (Canada) Ltd. 5.
- Burndy Canada Ltd. 1-2-3-4.
- Cambridge Thermionic 2-3-4-5.
- Cannon Electric Canada Ltd. 2-3-4-5.
- Consolidated Electronic Equipment Co. Ltd. 1.
- Dominion Auto Accessories Ltd. 4.
- Electronic Components Ltd. 2-4-5.
- Ericsson Telephone Sales of Canada Ltd. 5.
- H. B. Etlin Co. Ltd. 4.
- Ferranti-Packard Electric Ltd. 1.
- Hellermann Canada Ltd. 5.
- Lucas-Rotax Ltd. 4-5.
- R. Mack & Co. Ltd. 2.
- Quality Hermetics Ltd. 1.
- Shakeproof/Fastex Div. 1.
- Sido Ltd. 2-5.
- Smith & Sone Ltd. 1.
- Standard Wire & Cable Ltd. 2-3-4-5.
- United-Carr Fastener Co. of Canada Ltd. 2-3-4-5.
- United Shoe Machinery Co. of Canada Ltd. 5.
- X-Ray & Radium Industries Ltd. 1.
- Accurate Electronics Corp. 5.
- Aerialite Ltd. 5.
- Amatom Electronic Hardware Co., Inc. 2-5.
- Atlas E-E Corp. 5.
- Auth Electric Co. Inc. 4-5.
- Belling & Lee Ltd. 1-2-3-5.
- Birnbach Radio Co. Inc. 2-3-4-5.
- Birnbach Radio Co. Inc. 5.
- Buchanan Electrical Prods. Corp. 4.
- The Carborundum Co. 1.
- Chicago Industrial Instruments Co. 5.
- Cinch Mfg. Co. 2-3.
- Electrical Industries, Inc. 1-2-3-4.
- ETC Ltd. 4.
- Electrix Corp. 4.
- Fluorocarbon Prods. Inc. 1-4-5.
- Fusite Corp. 1-2.
- General Cement Mfg. Co. 4.
- Grayhill, Inc. 2-5.
- Harwin Engineers Ltd. 2-3-4-5.
- Heldor Mfg. Co., Inc. 1.
- Henry & Thomas Ltd. 1-2.
- Heyman Mfg. Co. 4-5.
- Hiram Jones Electronics 2-3.
- Hitemp Wires, Inc. 1-2.
- Hollingsworth Co., Solderless Terminal Div.
- International Telephone & Telegraph Corp. 1.
- Jackson Bros. (London) Ltd. 5.
- K. L. G. Sparking Plugs Ltd. 5.
- Keystone Electronics Corp. 5.
- Lerco Electronics, Inc. 2-3-4-5.
- Litton Industries, Inc. 2-3.

Lundey Associates, Inc. 5.
Lusite Corp.
Malco Mfg. Co. 5.
Microdot Inc. 3.
National Tel-Tronics Corp. 2-3-4-5.
Oxley Developments Co. Ltd. 2-5.
Palmer Associates 1.
Permonite Mfg. Co. 4-5.
Precision Metal Prods. 2-3-5.
Revere Corp. of America. 5.
Sealectro Corp. 2-3-4-5.
■ Siemens & Halske A.G. 1-2-5.
■ Siemens Edison Swan Ltd. 4.
Silicone Seals Inc. 2.
Herman H. Smith Inc. 5.
Geo. Stevens Mfg. Co. Inc. 1.
Stever-Locke Specialties Inc. 1-2-3.
Stromberg Carlson Co. 1-2-3.
Taurus Corp. 2-3-5.
U. S. Components, Inc. 1.
Vector Electronic Co. 4.
Waldom Electronics Inc. 4-5.
The Wama Co. 4.
C. A. Weidmuller K.G. 5.
Whiteley Electrical Radio Co., Ltd. 5.
Winchester Electronics Inc. 2-3-4-5.

TERMINATIONS

M. Microwave V. VHF, Video and Pulse

Airtron Canada Ltd. M.
Beaconing Optical & Precision Mats. Co. Ltd. M.
Canadian Motorola Electronics Ltd. M-V.
Cdn. Marconi Co. Radio Relay Div. M.
Ferranti-Packard Electric Ltd. M.
Jerrold Electronics (Canada) Ltd. M.
Pye Canada Ltd. TV Trans Div. M-V.
■ Pylon Electronic Dev. Co. Ltd. V.
■ Sinclair Radio Labs., Ltd. M-V.
Sperry Gyroscope Co.
Airtron Inc. M.
■ Alford Mfg. Co. V.
Bogart Mfg. Corp. M-V.
Calidyne Co. V.
The Carborundum Co., Global Plant. M.
Coaxial Connector Co., Inc. M.
CWS Waveguide Corp. M.
DeMornay-Bonardi. M.
Diamond Antenna & Microwave Corp. M-V.
Douglas Microwave Co., Inc. M.
Allen B. Du Mont Labs., Inc., Int. Div. M-V.
Electronics Specialty Co. M.
Emerson & Cuming, Inc. M-V.
Entron, Inc. V.
FXR, Inc. M.
Filmohm Corp. M.
The General Electric Co. Ltd. M-V.
General Radio Co. M.
Hewlett-Packard Co. M-V.
I.T.E. Circuit Breaker Co. M-V.
Malco Tool & Mfg. Co. M.
McMillan Industrial Corp. M.
Meridian Metalcraft, Inc. M.
Microlab. M-V.
Microwave Assoc., Inc. M.
Microwave Development Labs., Inc. 1.
Murphy Radio Ltd. M.
Narda Microwave Corp. M-V.
Neosid Canada Ltd. M.
■ Philco Corp., Gov. & Ind. Div. M-V.
Radar Design Corp. M.
W. H. Sanders Ltd. M-V.
■ Sarkes-Tarzan, Inc. V.
■ Technicraft Lab., Inc. M.
Telerad Mfg. Corp. M.
Transco Prods., Inc. M.
Waveline Inc. M.
Weinschel Engrg. & Mfg. Corp. M.
Workman TV., Inc. M.

TEST EQUIPMENT—Microwave

Beaconing Optical & Precision Mats. Co. Ltd.
Canadian Motorola Electronics Ltd.
Collins Radio Co. of Canada Ltd.
Ferranti-Packard Electric Ltd.
Pye Canada Ltd., TV Trans Div.
RCA Victor Co. Ltd.
■ Sinclair Radio Labs. Ltd.
Sperry Gyroscope Co.
■ Standard Telephones & Cables Mfg. Co. (Canada) Ltd.

Adler Electronics, Inc.
Airtron, Inc.
BJ Electronics

California Technical Industries
Cossor Co. Ltd.
Cubic Corp.
DeMornay-Bonardi
Diamond Antenna Microwave Corp.
Douglas Microwave Co. Ltd.
Electronic Tube Corp.
FXR, Inc.
General Communications
The General Electric Co. Ltd.
Hewlett-Packard, Inc.
Kearfott Co., Inc.
Laboratory for Electronics, Inc.
Lavoie Labs., Inc.
Levinthal Electronic Prods., Inc.
Manson Labs., Inc.
McMillan Industrial Corp.
Microwave Assoc. Inc.
Narda Microwave Corp.
Polarad Electronics Corp.
W. H. Sanders Ltd.
Telerad Mfg. Corp.

TESTERS

1. Amplitude Linearity	14. Insulation Break-down
2. Automatic Tube	15. Meter
3. Battery	16. Moisture Detection
4. Capacitor	17. Multiesters
5. Cathode Ray Tube	18. Radar
6. Circuit	19. Synchro
7. Coating	20. Transconductance Tube
8. Color Infra Red	21. Transistor Testing
9. Continuity	22. Vacuum Tube
10. Crystal	23. Voltage
11. Distortion	
12. Induction	
13. Insulation	

Acme Electric Corp. Ltd. 14.
Addison Industries Ltd. 9-22.
Aircraft Appliances & Expt. Ltd. 14.
Associated Electronic Components. 13-14.
Aviation Electric Ltd. 6-14-19.
■ Bach Simpson Ltd. 3-9-13-22-23.
Beaconing Optical & Precision Mats. Co. Ltd. 8.
■ Canadian General Electric Co. E.E. & T.D.
Canadian Marconi Co. 18.
■ Canadian Research Institute 3-4-6-9-13-14-15-17-22-23.
Canadian Sonic Co. 7-11.
Computing Devices of Canada Ltd. 5-18.
Daystrom Ltd. (Heath) 4-6-9-13-15-16-17-20-22-23.
Electronic Communications Ltd. 3-6-9-11-14-15-23.
English Electric Co. of Canada Ltd. 14.
Ericsson Telephone Sales of Canada Ltd. 13-16.
Ferranti-Packard Electric Ltd. 15.
Fisher Research Lab. Ltd. 16.
Fisher Scientific Co. Ltd. 8.
Holub Industries, Inc. 6-23.
Lenkurt Electric Co. of Canada Ltd. 6-11.
■ Measurement Engrg. Ltd. 7.
■ Muirhead Instruments Ltd. 4-9-19.
National Sound Services Ltd. 3-6-9-13-14-15-22.
■ Philips Electronics Industries Ltd. 7-16.
The Plessey Co. of Canada Ltd. 5.
Sperry Gyroscope Co. 18.
■ Stark Electronic Instruments Ltd. 1-2-3-4-5-6-15-17-20-21-22-23.
Tecneek Associates 7-9-13-14-16-17.
Tinsley Instruments. 5-7.
F. V. Topping Electronics Ltd. 21.
TranSonic Ltd. 7.
Triad Instruments & Controls Ltd. 6-9-13-14.

Advance Components Ltd. 4-9-12-17-23.
A. E. G. 13-15-23.
Aerialite Ltd. 13-14.
Airborne Instruments Lab., Inc. 10-18.
Affiliated TV Labs., Inc. 20.
Alto Scientific Co., Inc. 23.
American Electronic Labs., Inc. 9-21.
Associated Research, Inc., Export Dept. 13-14.
Avien, Inc. 4.
Avo Ltd. 6-13-21-22.
Baird Atomic, Inc. 21.
B. & K. Mfg. Co. 5-21-22.
Barnes Development Co. 4.
Rex Bassett, Inc. 10.

Theo. Benning. 23.
Boonton Electronics Corp. 4.
British Physical Labs. 4-9-13-14-15-17-23.
Branson Instruments, Inc. 7.
C G Electronics Corp. 21.
California Technical Industries 4-6-9-21-22.
Cedco Electronics, Inc. 21.
Genelloy Electronics Corp. 18.
Chicago Industrial Instrument Co. 3-6-9-13-16-17-22-23.
Christie Electric Corp. 3.
Communication Measurements Lab., Inc. 6.
Computer Measurement Corp. 10.
Cornell Dubilier Electric Corp. 4-17.
Cubic Corp. 21.
A/S Danbridge 3-6-9-13-14.
The Daven Co. 17-22.
Dawe Instruments Ltd. 11.
Del Electronics Corp. 13-14.
Don Bosco Electronics Co. 6.
Dun Engrs. Associates, Inc. 10-16-21.
Eagle Electric Mfg. Co., Inc. 23.
Edwards High Vacuum Ltd. 7-22.
Electro Instruments, Inc. 4-17.
Electro-Measurements Corp. 19.
Electronic Instrument Co. Inc. 5-22-23.
Electronic Instruments Ltd. 13-23.
Electronic Measurements Corp. 3-4-5-17-21-22-23.
Electronic Research Assoc., Ltd. 21.
Elektromesstechnik Wilhelm Franz 3-4-13-14.
Elima G.m.b.H. 9-13-14-17.
El-Tronics, Inc. 16.
Evershed & Vignoles Ltd. 3-9-13.
Ferrotan Electronics Co., Inc. 21.
John Fluke Mfg. Co. Inc. 23.
General Radio Co. 5-12-14-20-21.
P. Gossen & Co. G.m.b.H. 3-4-6-9-13-14-15-17-23.
Gulton Industries, Inc. 4-7.
Hartmann & Braun A.G. 6-9-13.
The Hewson Co. 13.
Hickok Electrical Instrument Co. 2-3-5-15-17-20-22-23.
Hitachi Ltd. 13-14.
Holt Instrument Co. 23.
■ Hughes Prods., Hughes Aircraft Co. 3-4-5-6-7-9-10-11-12-13-14-15-16-18-19-21-22-23.
Hunter Tools. 6.
Ideal Industries Ltd. 23.
Industrial Industries, Inc. 6-9-14-16.
Industrial Instruments, Inc. 14.
Industrial Test Equipment Co. 1-9-11-13-14-19.
Industrial Transformer Corp. 13-14.
Institut Dr. Forster. 7.
International Instruments Inc. 17.
Jackson Electrical Instrument Co. 4-5-22.
I/S Jensen Electric. 4.
Kay Electric Co. 18-21.
Kearfott Co., Inc. 18-19.
Wayne Kerr Labs. Ltd. 23.
Krouse Testing Machine Co. 7.
Laboratory for Electronics, Inc. 18.
Lavoie Labs., Inc. 6-8.
Levinthal Electronic Prods. Inc. 18.
Lintronic Ltd. 13-14.
Lorain Products, Inc. 3.
Manson Labs., Inc. 14-18-22.
Marion Electrical Instr. Co. 15.
■ Measurement Div., McGraw Edison Co. 21.
Metra Corp. 17-23.
Metrawatt A.G. 13.
Metronix 4-21.
Mid Eastern Electronics 6-12-13-16.
K. Miller Tool & Mfg. Co. 9.
Millivac Instr. Div. of Cohn Elec. 17.
Murphy Radio Ltd. 18.
Nash & Thompson Ltd. 7.
New London Instrument Co. 18.
N.J.E. Corp. 14-15.
Non-Linear Systems, Inc. 17-23.
Norden Div., United Aircraft Corp. 21.
Opad Electric Co. 3-13-14-23.
Owen Labs., Inc. 21.
Peschel Electronics, Inc. 6-9-13-14.
Phoatron Instrument & Electronic Co. 23.
Phillips Control Corp. 21.
Polyphase Instrument Co. 21.
Precision Apparatus Co., Inc. 21-22.
Pyramid Electric Co. 4.
Pyramid Instrument Corp. 23.

Radio Frequency Labs Inc. 15.
Radiometer 22.
Reeves Instrument Corp. 19.
■ Reflectone Corp. 21.
Rheem Mfg. Co. 2-4-17.
Rochar S. A. Electronique 5-22.
Rohde & Schwarz 11.
Sakura Electric Co. Ltd. 17.
Sawwa Electric Instrument Works 17-21.
Sensitive Research Instr. Corp. 15-17-23.
Servo Corp. of America. 8.
Shallcross Mfg. Co. 9-13-23.
Shurite Meter 23.
■ Siemens & Halske A.G. 13-14.
Simmonds Aerocores, Inc. 4.
Slaughter Co. 6-13-14.
Spellman High Voltage Co. 13-14.
Sprague International Ltd. 3.
The States Co. 9-15.
Sylvania Electric Corp. 20-22.
The TACK Corp. 13.
Taylor Electrical Instruments Ltd. 4-5-9-13-17-22-23.
■ Tektronix, Inc. 21-22.
Telechrome Mfg. Corp. 1.
Telectro Industries Corp. 18-19.
Telerad Mfg. Corp. 18.
Teletest Instrument Corp. 22.
Trans Electronics, Inc. 21.
Triplet Electrical Instrument Co. 17-22-23.
Ernest Turner Electric Instruments 3.
Ultradyne, Inc. 21.
Unifac Ltd. 13.
Van Norman Industries, Inc., Electronics Div. 13-14.
Wandel & Goltermann. 11.
Winston Electronics Ltd. 21.

THERMISTORS

■ Barber-Colman of Canada Ltd.
■ Canadian Research Institute
■ Canadian General Electric Co. Ltd. E.E. & T.D.
Ericsson Telephone Sales of Canada Ltd.
Honeywell Controls Ltd.
The Plessey Co. of Canada Ltd.
Sperry Gyroscope Co.
■ Standard Telephones & Cables Mfg. Co. (Canada) Ltd.
Titania Electric Corp. of Canada
Atlas Electric Prods.
Bendix Aviation Corp.
The Carborundum Co., Global Plant
Fenwal, Inc.
General Cement Mfg. Co.
Gulton Industries, Inc.
Microwave Assoc., Inc.
Narda Microwave Corp.
Steatit-Magnesia A.G.
Taylor Electrical Instruments Ltd.
Telerad Mfg. Corp.
Transitron Electronic Corp.
Walsco Electronics Mfg. Co.
Workman TV., Inc.

THERMOMETERS—Resistance

Aviation Electric Ltd.
Bailey Meter Co. Ltd.
■ Barber-Colman of Canada Ltd.
The Bristol Co. of Canada Ltd.
■ Canadian Research Institute
Daystrom Ltd. (Weston)
Fisher Scientific Co., Ltd.
The Foxboro Co. Ltd.
Honeywell Controls Ltd.
George Kelk Ltd.
Polytronics Co.
S. Smith & Sons (Canada) Ltd.
Taylor Instrument Cos. of Canada Ltd.
Tecneek Associates
Thermo Electric (Canada) Ltd.
Thermovolt Instruments Ltd.
Tinsley Instruments

THERMOPILES

■ Barber-Colman of Canada Ltd.
■ Canadian Research Institute
Thermo Electric (Canada) Ltd.
Aero Research Instrument Co., Inc.

Cambridge Instrument Co. Ltd.
Hartmann & Braun A.G.
Dr. B. Lange
Sierra Electronic Co.
Universal Atomics Corp.

THERMOSTATS—Electronic

- Barber-Colman of Canada Ltd.
- Canadian Research Institute Electronic Communications Ltd.
- The Garrett Mfg. Corp. of Canada Ltd.
- Honeywell Controls Ltd.
- Measurement Engrg. Ltd.
- Polytronics Co.
- American Thermostat Corp.
- Ellenberger & Poensgen GmbH
- Fenwal, Inc.
- Metals & Controls Corp.
- Revere Corp. of America
- Sifam Electrical Instruments Co. Ltd.
- Stevens Mfg. Co., Inc.
- Taylor Electrical Instruments Ltd.
- Waters Manufacturing, Inc.

TIMERS

- | | |
|-----------------------|--------------------|
| 1. Automatic Cycle | 9. Inertia Motor |
| 2. Automatic Interval | 10. Operated |
| 3. Automatic Reset | 11. Multi-contact |
| 4. Clock | 12. Percentage |
| 5. Radio | 13. Photo-electric |
| 6. Electronic | 14. Sequence |
| 7. Hour | 15. Thermal |
| 8. Counting | 16. Welding |
| 9. Impulse | Electronic |

- Bailey Meter Co. Ltd. 1.
- The Bristol Co. of Canada Ltd. 1.
- Brown Boveri (Canada) Ltd. 11-16.
- Canadian Applied Research Ltd. 1-2-3.
- Canadian Electronics Co. 6.
- Canadian General Electric Co. Ltd. 6-10.
- Canadian Marconi Co. 6.
- Canadian Research Institute 1-2-3-5-6-7-13.
- Canadian Westinghouse Co. Ltd. 2-13-16.
- Controls Co. of America, Canada, Ltd. 2, 4, 9.
- Davis Automatic Controls Ltd. 1-2-3-6-8-11-12-13.
- Dominion Electrohome Industries Ltd., Tech Prods. Div. 1-2-3-5-6-8-9-10-11-12-13-14-16.
- Electronic Associates Ltd. 6.
- Electronic Communications Ltd. 1-2-3-5-6-8-13-14-16.
- Electronics Corp. of America (Canada) Ltd. 13-16.
- Ericsson Telephone Sales of Canada Ltd. 4-7.
- Ferranti-Packard Electric Ltd. 6.
- Fisher Scientific Co. Ltd. 2.
- International Business Machines Co. Ltd. 2-6-7-9.
- Lucas-Rotax Ltd. 1-2-5-14.
- Measurement Engrg. Ltd. 1-2-3-6-13-14-16.
- C. C. Meredith & Co. Ltd. 13.
- Precision Welder & Flexpress (Canada) Ltd. 6-13-16.
- Polytronics Co. 6-13-16.
- J. B. Pritchard Co. 6-8-13-16.
- Sharpe Instruments Ltd. 6.
- Sperry Gyroscopic Co. 5.
- Standard Electric Time Co. 2.
- Taylor Instrument Cos. of Canada Ltd. 1-2-3-10-11.
- Tecnek Associates 2-3-7-14.
- Vector Labs. Inc. 1-2-5-6-10-11-12-13-14.

- Aemco, Inc. 1-2-3-5-7-10-11-13-14-16.
- Alto Scientific Co., Inc. 6.
- Automatic Timing & Controls, Inc. 1-2-3-5-6-8-10-14.
- Baird-Atomic, Inc. 6.
- Beckman Inst. Inc., Berkeley Div. 6.
- Belling & Lee Ltd. 3-15.
- Bristol Motor Div. Vocaline Co. of America 1-2-4-10-11-14.
- Computer Measurements Corp. 1-2-3-6-7-13.
- Cramer Controls Corp. 1-2-3-5-7-12.
- Dawe Instruments Ltd. 2-6.
- DeJur-Amsco Corp. 7.
- Dynapar Corp. 5-4.
- Electronic Associates Inc. 6.
- Electronics Specialty Co. 1-2-3-5-6-8-14-15.
- Engel and Gibbs 1-2-3-14.
- Etelco Ltd. 6.

- Farmer Electric Prods. Co., Inc. 1-3-5-6-13.
- G-V Controls, Inc. 15.
- General Time Corp., Haydon Div. 1-2-3-5-7-10-11.
- Globe Industries, Inc. 1-2-3-10.
- Gorell & Gorell 1-5-7-14.
- Greenleaf Mfg. Co. 1-2-6-13-14.
- Haydon Div., General Time Corp. 1-2-3-5-7-8-10-11.
- The A.W. Haydon Co. 1-2-3-6-7-10-11-12.
- Hewlett-Packard Co. 6.
- Horstmann Gear Co., Ltd. 7.
- Hycon-Eastern, Inc. 6.
- Industrial Timer Corp. 1-2-3-5-7-10-14.
- Isotope Devel. Ltd. 6.
- J. B. T. Instruments Inc. 7.
- Line Electric Co. 15.
- Lintronic Ltd. 13.
- The Lux Clock Mfg. Corp. 2-5-6-8-11.
- P. R. Mallory & Co. Inc. 1-2-3-10-11.
- Marion Electrical Instrument Co. 7.
- Miller Harris Instrument Co. 1-2-3-5-6-10.
- Montgomery Mfg. Co. 1-2-5-10-14.
- Moses Electronics. 7.
- National Co. Inc. 1-2-3-4-5-6-7-8-9.
- Opad Electric Co. 6.
- Paragon Electric Co. 1-2-3-5-14.
- Patterson, Moos Div. of Universal Winding Co., Inc. 1-6-8-9.
- Peschel Electronics, Inc. 6.
- Photovolt Corp. 1-5.
- Photocon Research Prods. 8.
- Post Machinery Co., Electronic Prods. Div. 6.
- Potter Instrument Co., Inc. 1-2-3-5-6-13-14.
- Polytronics Co. 13.
- W. G. Pye Co. Ltd. 7.
- Radiation Counter Labs., Inc. 1-2-6.
- Ripley Co., Inc. 6-13-16.
- S. A. Rocher Electronique 1-2-3-6-14.
- Saia S. A. 2.
- Seely Instrument Co., Inc. 1-2-3-5-10-11-14.
- Siemens & Halske A.G. 8.
- Siemens-Schuckertwerke A.G. 6.
- Sifam Electrical Instruments Co., Ltd. 7.
- Sinclair-Collins Valve Co. 1-5-10.
- Sodeco. 7-8.
- Stromberg Time Corp. 1-2-3-5-14.
- Teletro Industries Corp. 1-2-3-6-10-14-15.
- J. Langham Thompson Ltd. 6.
- Thompson Clock Co. 3-7-10.
- Venner Electronics Ltd. 1-2-3-5-6-7-8-9-10-11-13-14.
- Walkirt Co. 1-2-3-6-8-14.
- Weldmatic Div. of Unitek Corp. 16.
- Zenith Electric Co. 1-2-3-4-5-6-7-8-9-10-11-12.

TOOLS

- | | |
|-------------------------|-------------------------|
| 1. Hand or Mechanical | 4. Thermal Soldering |
| 2. Pneumatic Assembly | 5. Ultrasonic Soldering |
| 3. Resistance Soldering | 6. Wire Wrapping |
- Aircraft-Marine Prods. of Canada Ltd. 1-2.
 - Aluminum Co. of Canada Ltd. 1.
 - Automatic Electric Sales (Canada) Ltd. 1.
 - Aviation Electric Ltd.
 - The Canadian Fairbanks-Morse Co. Ltd. 1-2-3.
 - Canadian Sonic Co. 5.
 - Joy Mfg. Co. (Canada) Ltd. 2.
 - Photo Tools of Canada Ltd. 1.
 - Polytronics Co. 3.
 - Rawlplug Products (Canada) Shakproof/Fastfix Div. 1.
 - United Shoe Machinery Co. of Canada Ltd. 6.
 - Acoustica Assoc., Inc. 5.
 - The Beryllium Corp. 1.
 - Bradford Metalmaster 1.
 - Canadian Electrical Products Corp. 1.
 - Drake Electric Works
 - Dremel Mfg. Co. 1.
 - Farmer Electric Products Co. Inc. 3.
 - The Gabriel Co. 4.
 - General Cement Mfg. Co. 1.
 - Gulton Industries Inc. 5.
 - Hunter Tools 1.
 - Kwikheat Mfg. Co. 4.
 - Liton Industries, Inc. 1.
 - Microdot, Inc. 2.

- Narda Ultrasonics Corp. 5.
- P. K. Neuses, Inc. 1.
- PIC Design Corp. 1.
- Robins Industries Corp. 1.
- Saxton Prods. Inc. 1.
- Technical Devices Co. 1.
- Vaco Prods. Co. 1.
- Wassco Electric Prods. Corp. 3.
- Xcelite Inc. 1.

TRACERS—Signal

- Canadian Research Institute
- Daystrom Ltd. (Heath)
- Philips Electronics Indus. Ltd.
- Electronic Measurement Corp.
- Measurements, a McGraw-Edison Div.
- Sylvania Electric Corp.
- Taylor Electrical Instruments Ltd.

TRANSCIVERS

- | | |
|-------------|--------|
| 1. Aviation | 4. uhf |
| 2. Lifeboat | 5. vhf |
| 3. Portable | |
- Addison Industries Ltd. 3.
 - Aviation Electric Ltd. 1.
 - Canadian Motorola Electronics Ltd. 3-5.
 - Canadian Marconi Co. Comm. Prods. Div. 2.
 - Canadian Westinghouse Co. Ltd. 1-2-3.
 - Collins Radio Co. of Canada Ltd. 1-4-5.
 - E.M.I.-Cossor Electronics Ltd. 1-2-3-4-5.
 - Electronic Materials International Ltd. 1-3-4-5.
 - Electronic Research & Development Co. Ltd. 3-5.
 - Humble Mfg. Co. Ltd. 3.
 - International Systems Ltd. 1-2-3-4-5.
 - Northern Radio Mfg. Co. Ltd. 1.
 - The Plessey Co. of Canada Ltd. 1-5.
 - Pye Canada Ltd. 5.
 - Radio Communications Equipment Engrg. Ltd. 3.
 - Raytheon Canada Ltd. 5.
 - Standard Telephones & Cables Ltd. 1.
 - Tele-Radio Systems Ltd. 3-4-5.
 - F. V. Topping Electronics Ltd. 3.
 - Bendix Aviation Corp. 1-3-4-5.
 - Designers for Industry, Inc. 1-2.
 - Allen B. Du Mont Labs., Inc. Int. Div. 3-4-5.
 - Elektromesstechnik Wilhelm Franz 3-5.
 - Industrial Radio Corp. 3.
 - Kaar Engrg. Corp. 4.
 - Link-Gonset, Young Spring & Wire Corp. 4-5.
 - Multi-Products Co. 3.
 - Murphy Radio Ltd. 4-5.

TRANSDUCERS

- | | |
|-----------------------|--------------------|
| 1. Electro-mechanical | 3. Thermo-electric |
| 2. Photo-electric | |
- Aviation Electric Ltd. 1.
 - The Bristol Co. of Canada Ltd. 1-3.
 - Canadian Research Institute 1-2-3.
 - Canadian Sonic Co. 1.
 - Canadian Westinghouse Co. Ltd. 1.
 - Daystrom Ltd. (Weston) 3.
 - Edo (Canada) Ltd. 1.
 - Electronic Mechanisms Ltd. 1.
 - Electronic Communications Ltd. 1-2.
 - Erie Resistor of Canada Ltd. 1.
 - Ferranti-Packard Electric Ltd. 1-2.
 - The Garrett Mfg. Corp. of Canada Ltd. 1-3.
 - Intl. Rectifier of Canada Ltd. 2.
 - International Research & Devel. Corp. 1.
 - LCR Mfg. Co. Ltd. 1.
 - Measurement Engrg. Ltd. 2.
 - Muirhead Instruments Ltd. 1.
 - National Semiconductors Ltd. 2.
 - The Plessey Co. of Canada Ltd. Corp. 1.
 - Polytronics Co. 2-3.
 - Raytheon Canada Ltd. 1.
 - Renfrew Electric Co. Ltd. 1.
 - Servomechanisms Canada Ltd. 1.
 - S. Smith & Sons (Canada) Ltd. 1-3.
 - Taylor Instrument Cos. of Canada 1-3.
 - Tinsley Instruments Canada Ltd. 1.
 - Transonic Ltd. 1.
 - Vector Labs. Inc. 1-2-3.

- Acoustica Associates, Inc. 1.
- Allegany Instr. Co., Inc. 1.
- Annux Corp. 3.
- Automatic Telephone & Electric Co., Inc. 4-5.
- Automatic Timing & Controls, Inc. 1.
- B & F Instruments, Inc. 1.
- Baird-Atomic, Inc. 2.
- Beckman Berkeley Div. 1-2.
- BJ Electronics. 1.
- Bourns Lab., Inc. 1.
- A/S Bruel & Kjaer. 1.
- Columbia Research Lab. 1.
- Computer Measurements Corp. 2.
- Dawe Instruments Ltd. 1-2-3.
- Daytronic Corp. 1.
- Decker Engineering Corp. 1-3.
- Donner Scientific Co. 1.
- Dynamic Instrument Co., Inc. 1.
- Electro Prods. Labs., Inc. 1.
- Electro Sonic Labs., Inc. 1.
- Endevco Corp. 1.
- Evershed & Vignoles Ltd. 1.
- Fairchild Controls Corp. 1.
- Farmer Electric Prods. Co., Inc. 1.
- Fenwal Electronics, Inc. 3.
- Gow-Mac Instrument Co. 1.
- Gulton Industries Inc. 1.
- International Resistance Co. 1.
- James B. Lansing. 1.
- Kistler Instruments Co., Inc. 1.
- Manheim Mfg. & Belting Co. 1.
- Micro-Test, Inc. 1.
- Narda Microwave Corp. 3.
- Norden Div., United Aircraft Corp. 1.
- Northam Electronics, Inc. 1.
- Nucleonic Prods. 2.
- Photocon Research Prods. 1.
- Polyphase Instrument Co. 1.
- Racon Electric Co., Inc. 1.
- Radiation, Inc. 1.
- Rahn Instruments Div., U.S. Gauge. 1.
- S. A. Rocher Electronique 1-2.
- Rosemount Engrg., Co. 3.
- Arthur C. Ruge Inc. 3.
- Sanborn Co. 1-3.
- W. H. Sanders (Electronics) Ltd. 1.
- Schaevitz Engrg. 1.
- Sensitive Research Instr. Corp. 3.
- Siemens & Halske A.G. 1.
- Southern Instruments Ltd. 1.
- Special Prods. Div. Servomechanisms, Inc. 1-3.
- Spectrol Electronics Corp. 1.
- Springfield Labs. 1.
- Statham Labs. Inc. 1.
- Taylor Electrical Instruments Ltd. 1.
- J. Langham Thompson Ltd. 1.
- Ultradyn Inc. 1.
- Waugh Engrg. Co. 1.

TRANSFORMERS

- | | |
|-------------------------------|--------------------------------|
| 1. Audio Input | 17. Precision Matched |
| 2. Audio Interstage | 18. Precision Voltage Dividing |
| 3. Audio Modulation | 19. Pulse |
| 4. Audio Output | 20. r-f and i-f |
| 5. Bias | 21. Saturable |
| 6. Current Limiting | 22. Subsonic |
| 7. 400 cycle | 23. TV Deflection |
| 8. Filament | 24. TV Impedance Matching |
| 9. Fly Back | 25. Toroidal |
| 10. Full Wave | 26. Ultrasonic |
| 11. High Voltage Power Supply | 27. Variable |
| 12. Instrument | 28. Vibrator |
| 13. Isolation | 29. Voltage Regulating |
| 14. Microwave | 30. Welding |
| 15. Miniature | 31. X-Ray |
| 16. Plate | |
- Acme Electric Corp. Ltd. 1-3-4-6-7-8-11-13-14-15-16-17-18-19-21-27-28-29-30.
 - Aircraft-Marine Prods. of Canada Ltd. 11-19.
 - Amalgamated Electric Corp. Ltd. 11.
 - Audio Transformer Co. Ltd. 1-2-4-8-11-13-16-24-28.
 - Automatic Coil Mfg. Ltd. 9-20-23.
 - Aviation Electric Ltd. 6-12.
 - Bach Simpson Ltd. 12-25.
 - Bayly Engrg. Ltd. 17-18.
 - Becpo Canada Ltd. 11-12.
 - Brown Boveri (Canada) Ltd. 29-30-31.
 - Cambridge Thermionic 20.
 - Canadian Atlas Transformer Co. 1-2-3-4-5-6-7-8-10-11-12-13-14-15-16-17-18-19-21-22-24-25-26-27-28-29-30-31.
 - Canadian Electric Resistors Ltd. 7-27-29.

- Canadian General Electric Co. Ltd. 11-12-13-15-16-19-20-21-23-27-29.
 - Canadian Line Materials Ltd. 21.
 - Canadian Marconi Co. 27.
 - Canadian Research Institute 11.
 - Canadian Sonix Co. 26.
 - Canadian Westinghouse Co. Ltd. 7-11-12-29-31.
 - Daystrom Ltd. (Weston) 12-18.
 - Douglas Randall (Canada) Ltd. 1-2-3-4-6-7-8-11-12-13-15-16-19-21-22-25-26-28-29.
 - E.C.C. Canada Ltd. 1.
 - Electronic Engrg. 1-2-3-4-8-13-16-29.
 - English Electric Co. of Canada Ltd. 11-12.
 - Ericsson Telephones Sales of Canada Ltd. 12.
 - Erie Resistor of Canada Ltd. 19.
 - Essex Electronics of Canada Ltd. 19-20.
 - Ferranti-Packard Electric Ltd. 7-19.
 - L. H. Frost Canada Ltd. 6-29.
 - The Garrett Mfg. Corp. of Canada Ltd. 6-21-25-29.
 - General Instrument—F. W. Sickles of Canada Ltd. 9-19-20-23-24-25-27.
 - General Radio Co. 7-27.
 - Gomard Electronics Ltd. 4-8-9-11-16-23-24-26-28.
 - Hammond Mfg. Co. Ltd. 1-2-3-4-5-6-7-8-11-13-15-16-17-19-20-21-22-25-26-30-31.
 - Honeywell Controls Ltd. 12.
 - Lenkurt Electric Co. of Canada Ltd. 1-2-3-4-15-17-18.
 - Lucas-Rotax Ltd. 7-21-25-29.
 - R. Mack & Co. Ltd. 4-15-25.
 - Magnetic Coil Co. 6-8-13.
 - Micarta Fabricators Ltd. 19.
 - Moloney Electric Co. of Canada Ltd. 8-11-13-16-19-30.
 - Northern Electric Co. Ltd. 1-4.
 - Osborne Electric Co. Ltd. 6-7-8-10-11-13-16-17-18-21.
 - Philips Electronics Industries Ltd. 31.
 - The Plessey Co. of Canada Ltd. 4-9.
 - Precision Welder & Flexopress (Canada) Ltd. 30.
 - Polytronics Co. 18.
 - RCA Victor Co. Ltd. 23.
 - Raytheon Canada Ltd. 19-29.
 - Renfrew Electric Co. Ltd. 1-4-8-15-20.
 - S. G. Smallwood Ltd. 9-20.
 - Sola Electric (Canada) Ltd. 8-21-29.
 - Sperry Gyroscope Co. 14.
 - Standard Telephones & Cables Ltd. 3-8-20-25-29.
 - Standard Television Prods. Ltd. 1-2-3-4-5-7-8-11-12-13-15-16-17-18-19-20-25-29-31.
 - Stanwyck Coil Prods. Ltd. 15-19-20-24.
 - T.M.C. (Canada) Ltd. 19.
 - Tecneek Associates 29.
 - Thermovolt Instruments Ltd. 12.
 - F. V. Topping Electronics Ltd. 20.
 - TranSonic Ltd. 26.
 - Valeriot Electronics (Guelph) Ltd. 1-15-19-28.
 - Watkins Electronics Ltd. 24.
 - Acoustica Associates. 26.
 - Acro Prods. Co. 19-28.
 - Advance Components Ltd. 1-6-21-29.
 - Aerialite Ltd. 20-24.
 - Airpax Prods. Co. 6-7-15-19-25-28.
 - Aladdin Electronics, Inc. 15-19-20.
 - Alford Mfg. Co. 14.
 - Alto Scientific Co., Inc. 19.
 - Amos of Exeter Ltd. 1-2-4-7-8.
 - Amplivox Ltd. 15.
 - Arnold Magnetics Corp. 1-2-3-4-5-6-7-8-13-15-16-18-21-25-28.
 - Associated Research Inc., Export Dept. 12.
 - Audio Development Co. 1-2-3-4.
 - Automatic Coil Co., Inc. 20-27.
 - Blonder-Tongue Labs., Inc. 20-24.
 - The British Electric Resistance Co. 6-7-8-11-27-29-30-31.
 - Burnell & Co., Inc. 25.
 - Burton-Rogers Co. 6-12-25.
 - C. G. Electronics Corp. 15-25.
 - Caledonia Electronic & Transformer Corp. 2-4-5-7-8-11-15-19-20-25.
 - Carad Corp. 7-8-9-11-13-15-16-17-18-19-25.
 - Cinema Engrg., Div. Aerovox Corp. 25.
 - Coil Winders, Inc. 8-14-16-20-25.
 - Dawe Instruments Ltd.
 - Del Electronics Corp. 11-14-17-24.
 - Dinion Coil Co., Inc. 1-2-3-4-5-8-12-13-14-15-16-17-19-21-23-24-25-26-27-28.
 - Douglas Microwave Co., Inc. 14.
 - Allen B. Du Mont Labs., Inc. 19.
 - Eagle Electric Mfg. Co., Inc. 6.
 - The Electric Construction Co. 1-4-7.
 - Electro Engrg. Works. 1-2-3-4-5-6-7-8-11-12-13-15-16-21.
 - Empire Devices Prods., Corp. 14.
 - Epso Prods., Inc. 1-2-3-4-5-7-8-11-13-16-19-25-28-30.
 - Ferrotran Electronics Co., Inc. 1-4-7.
 - Filtron Co., Inc. 11-19.
 - Firma Jorgen Schou. 1-2-3-4-8-11-12-13-15-16-17-18-19.
 - Fortiphone. 15.
 - General Electric Co., X-Ray Dept. 31.
 - General Radio Co. 27.
 - General Radiological Ltd. 31.
 - General Magnetics, Inc. 21.
 - Gertsch Prods., Inc. 18.
 - B. F. Goodrich Sponge Prods. Div. 14.
 - Grand Transformers Inc. 1-8-12-13-16.
 - Gulton Industries Inc. 5-6-7-8-9-10-12-13-14-15-16-17-18-19-21-22-25-26-27-28-29.
 - Hartmann & Braun A.G. 12.
 - Hermetic Seal Transformer Co. 1-2-3-4-5-6-7-8-10-13-14-15-16-17-18-19-20-21-22-25-26-28-31.
 - How Electrical Instrument Works 6-12-25.
 - Industrial Transformer Corp. 1-2-3-4-5-6-8-11-12-13-14-15-16-17-18-19-21-22-24-25-26-28-29-30-31.
 - James Vibrapower Co. 4.
 - Johnson Electronics Inc. (East). 15.
 - Kepco Labs., Inc. 11-16-21-29.
 - Keystone Prods. Co. 1-2-4-15-19-21-25.
 - Leach Corp. 7-11-12-17-18-21-27-29.
 - Levinthal Electronic Prods., Inc. 14-19.
 - Lustraphone. 1.
 - Majestic Winding Co. 4.
 - Merit Coil & Transformer Corp. 1-2-3-4-5-6-8-9-16-23.
 - Mico Instrument Co. 25.
 - Microlab. 14.
 - Microran Co., Inc. 1-2-4-7-8-12-15-19-28.
 - Microwave Assoc., Inc. 14.
 - Murphy Radio Ltd. 1-2-3-4-14-15-19.
 - N.J.E. Corp. 11-13-19.
 - National Co. Inc. 20.
 - R. W. Neill Co., Inc. 25.
 - Ohmite Mfg. Co. 27.
 - Opad Electric Co. 25.
 - Ortho Filter Corp. 7-11-15-19-25.
 - Oxford Components Co. 3-4-6-8-11-12-13-14-16-17-18-19-27-28-31.
 - Partridge Transformers Ltd. 4.
 - Penn-East Engrg. Corp. 1-2-3-4-8-15-19-20.
 - Peschel Electronics, Inc. 11-16-21.
 - Phillips Control Corp. 7-8-11-15-16-21-25-27.
 - Polyphase Instrument Co. 1-2-7-12-15-17-18-19-21-25.
 - Radio Industries, Inc. 9-20.
 - Ram Electronics Corp. 9-20.
 - Reproducers & Amplifiers Ltd. 4.
 - Rola Celestion Ltd. 4.
 - Siemens Edison Swan Ltd. 4.
 - Siemens-Schuckertwerke A.G. 30.
 - Sioux Radio Prods. 20-25.
 - Smith Hobson Ltd. 12.
 - Sorensen & Co., Inc. 29.
 - Special Prods. Div., Servo-mechanisms, Inc. 7-15-25.
 - Spellman High Voltage Co. 11.
 - Sprague International Ltd. 19.
 - Standard X-Ray Co. 31.
 - Stratton & Co. Ltd. 20.
 - Stromberg Carlson Co. 1.
 - The Superior Electric Co. 7-27.
 - Telephone Mfg. Co., Ltd. 25.
 - Telex Labs., Inc. 15.
 - Thordarson Meissner. 1-2-3-4-5-6-7-8-9-11-12-13-15-16-20-21-23-24.
 - Torotor A/S. 20-23-24.
 - Triad Transformer Corp. 1-4-8-9-11.
 - Ernest Turner Electrical Instruments Ltd. 12-18.
 - United Transformer Corp. 1-2-3-26-27-28-29.
 - Varo Mfg. Co., Inc. 5-6-7-8-11-13-15-16-19-20-21-25-29.
 - Waters Mfg., Inc. 20-27.
 - Watkins Electronics Ltd. 2-4.
 - Westinghouse Electric International Corp. 31.
 - Whiteley Electrical Radio Co. Ltd. 1-2-3-4-5-6-7-8-12-13-15-19-20-23-25-27-28-29.
 - Woden Transformer Co. 7-8-11-21.
- ## TRANSISTORS
- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Germanium, Power • Canadian General Electric Co. Ltd. 1-2-3-4. Canadian Line Materials Ltd. 3-4. • Canadian Westinghouse Co. Ltd. 2. Ferranti-Packard Electric Ltd. 3-4. Honeywell Controls Ltd. 1. Micarta Fabricators Ltd. 1. The Plessey Co. of Canada Ltd. 1-2-3-4. • Raytheon Canada Ltd. 1-2-3-4. Sperry Gyroscope Co. 4. • Standard Telephones & Cables Ltd. 1. Sylvania Electric Canada Ltd. 1-2-3-4. Taylor-Leslie Mining & Engrg. Corp. Ltd. 1-2-3-4. Amperex Electronic Corp. 1-2. Automatic Telephone & Electric Co. Ltd. Bendix Aviation Corp. (C.D.C.). 1-2. Bradley Semi-Conductor, Inc. 1-2-3-4. Bud Radio, Inc. 1-2-3-4. CBS Electronics 1-2. Clevite Transistor Prods. 2-4. Fairchild Semiconductor Corp. 3. General Transistor Corp. 1-3. Hitachi Ltd. • Hughes Prods., Hughes Aircraft Co. 1-2-3-4. Morhan Exporting Corp. 1. Motorola, Inc. Semiconductor Prod. Div. 1-2. Nucleonic Prods. 1-2. Pacific Simiconductors, Inc. 3. • Philco Corp., Lansdale Tube Div. 1-2-3-4. Siemens Edison Swan Ltd. 1. Siemens & Halske A.G. 1-3. Sprague International Ltd. 1. Sylvania Electric Products Inc. 1-2-3-4. Texas Instruments Incorporated. 1-2-3-4. Transitron Electronic Corp. 1-2-3-4. Universal Transistor Products Co. 1-2-3-4. Westinghouse Electric Corp.—Semi Conductor Div. 1-2-3-4. Workman TV, Inc. 1. | <ol style="list-style-type: none"> 3. Silicon, Power • Canadian General Electric Co. Ltd. 1-2-3-4. Canadian Line Materials Ltd. 3-4. • Canadian Westinghouse Co. Ltd. 2. Ferranti-Packard Electric Ltd. 3-4. Honeywell Controls Ltd. 1. Micarta Fabricators Ltd. 1. The Plessey Co. of Canada Ltd. 1-2-3-4. • Raytheon Canada Ltd. 1-2-3-4. Sperry Gyroscope Co. 4. • Standard Telephones & Cables Ltd. 1. Sylvania Electric Canada Ltd. 1-2-3-4. Taylor-Leslie Mining & Engrg. Corp. Ltd. 1-2-3-4. Amperex Electronic Corp. 1-2. Automatic Telephone & Electric Co. Ltd. Bendix Aviation Corp. (C.D.C.). 1-2. Bradley Semi-Conductor, Inc. 1-2-3-4. Bud Radio, Inc. 1-2-3-4. CBS Electronics 1-2. Clevite Transistor Prods. 2-4. Fairchild Semiconductor Corp. 3. General Transistor Corp. 1-3. Hitachi Ltd. • Hughes Prods., Hughes Aircraft Co. 1-2-3-4. Morhan Exporting Corp. 1. Motorola, Inc. Semiconductor Prod. Div. 1-2. Nucleonic Prods. 1-2. Pacific Simiconductors, Inc. 3. • Philco Corp., Lansdale Tube Div. 1-2-3-4. Siemens Edison Swan Ltd. 1. Siemens & Halske A.G. 1-3. Sprague International Ltd. 1. Sylvania Electric Products Inc. 1-2-3-4. Texas Instruments Incorporated. 1-2-3-4. Transitron Electronic Corp. 1-2-3-4. Universal Transistor Products Co. 1-2-3-4. Westinghouse Electric Corp.—Semi Conductor Div. 1-2-3-4. Workman TV, Inc. 1. |
|--|--|
- ## TRANSMITTERS
- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Aircraft 2. Amateur 3. Broadcast 4. Color Television 5. Direction Finding 6. fm 7. Facsimile 8. Fixed Frequency 9. Fixed Station Communication 10. Loran 11. Marine 12. Microwave 13. Multiplex | <ol style="list-style-type: none"> 14. Portable and Mobile Radio Telephone 15. Pulse Time Modulation 16. Radar 17. Radio Range 18. Railroad 19. Single Side Band 20. Television 21. uhf 22. vhf 23. vhf Omni Range |
|--|--|
- American Electronic Labs., Inc. 1-5-8-12-21-22.
 - Aviation Electric Ltd. 1-5-11-16.
 - Beaconing Optical & Precision Maths. Co. Ltd. 5-12-16.
 - Brown Boveri (Canada) Ltd. 3-4.
 - 9-12-19-20-21-22-23.
 - Canadian General Electric Co. Ltd. 3-4-6-9-14-16-20-21.
 - Canadian Marconi Co., Comm. Prods. Div. 6-9-11-12-16-22.
 - Canadian Motorola Electronics Ltd. 6-9-11-12-14-18-19-21-22.
 - Canadian Westinghouse Co. Ltd. 3-6-7-8-9-12-13-16-17-19-21-22-23.
 - Collins Radio Co. of Canada Ltd. 1-2-3-5-6-8-9-10-12-13-14-16-19-21-22-23.
 - Daystrom Ltd. (Heath) 2.
 - Decca Radar (Canada) Ltd. 16.
 - E.M.I.-Cossor Electronics Ltd. 3-4-9-14-20-21-22.
 - EV of Canada Ltd. 2.
 - Electronic Communications Ltd. 2.
 - Electronic Materials International Ltd. 1-5-6-8-12-22.
 - Electronic Research & Development Co. Ltd. 6-8-9-11-14-18-19-20.
 - Ferranti-Packard Electric Ltd. 5-12-16.
 - Fisher Research Lab. Inc. 11-14.
 - Hackbusch Electronics Ltd. (Stromberg-Carlson) 23.
 - International Systems Ltd. 1-8-9-11-12-14-18-19.
 - Jerrold Electronics (Canada) Ltd. 21.
 - Lenkurt Electric Co. of Canada Ltd. 6-8-9-12-13-14-21.
 - Muirhead Instruments Ltd. 7.
 - Northern Electric Co. Ltd. 8-21-23.
 - The Plessey Co. of Canada Ltd. 1-2-7-8-9-11-14-21-22-23.
 - Pye Canada Ltd. 3-4-6-8-9-11-12-14-20-22.
 - Radio Communications Equipment & Engrg. Ltd. 3-8-9-11-14-19.
 - RCA Victor Co. Ltd. 1-3-4-6-7-8-9-10-11-12-14-16-17-19-20-21-22-23.
 - Raytheon Canada Ltd. 5-9-11-12-16.
 - Sinclair Radio Labs., Ltd. 12-21-22.
 - Sperry Gyroscope Co. 10-11-12-16.
 - Standard Telephones & Cables Ltd. 3-5-6-8-12-13-15-17-18-19-23.
 - T.M.C. (Canada) Ltd. 2-8-9-11-13-14-19.
 - Tele-Radio Systems Ltd. 2-3-6-8-9-14-17-18-20-21-22-23.
 - F. V. Topping Electronics Ltd. 8-9-11-14.
 - Airtron Inc. 12-16.
 - American Electronics Co. 2.
 - Applied Research Inc. 13-21-22.
 - Rex Bassett, Inc. 8-11.
 - Bendix Aviation Corp. 1-6-8-9-13-14-16-17-18-21-22-23.
 - British Communication Corp. 3-8-9-11-14-19.
 - Budelman Electronics Corp. 12-13.
 - Crosby Labs Inc. 7-13-19.
 - Allen B. Du Mont Labs. Inc. 4-7-8-9-12-14-18-20-21-22.
 - Edo Corp. 16.
 - Electronic Instruments Co., Inc. 2.
 - Electro Voice, Inc. 2.
 - Elektronmesstechnik Wilhelm Franz 6-14.
 - Electronics Development Co. Inc. 20.
 - Felton & Guillaume Fernmel-deanlagen GmbH. 6-12-20.
 - Fisher Research Lab Inc. 11.
 - The General Electric Co. Ltd. 12-13.
 - General Instrument Corp. 1.
 - Globe Electronics, Inc. 2-19.
 - Hallamore Electronics Co. 20-21-22.
 - Hammamund Mfg. Co., Inc. 14-19.
 - Dr. Ing. Rudolph Hell. 7.
 - Industrial Radio Corp. 14.
 - E. F. Johnson Co. 2-19.
 - Kaar Engrg. Corp. 11.
 - Kay Electric Co. 4-20.
 - Levinthal Electronics Prods. Inc. 6-8-12-15-16-21-22.
 - Link-Gonset, Young Spring & Wire Corp. 6-14.
 - Manson Labs., Inc. 12-16-21.
 - Morrow Radio Mfg. Co. 2-19.
 - Muirhead & Co. Ltd. 7.
 - Multi-Prod. Co. 2-11-19.
 - Murphy Radio Ltd. 13.
 - Norden Div., United Aircraft Corp. 16.
 - Northern Radio Mfg. Co. 1.
 - Philco Corp., Gov. & Ind. Div. 12-20.
 - Radio Engrg. Ltd. 8-9-14-19.
 - Radiation, Inc. 6.
 - Radio Corp. of America. 4.
 - Radio Frequency Lab., Inc., Comm. Div. 13.
 - Radio Specialty Mfg. Co. 14.
 - Railway Communications Inc. 18.
 - Redifon Engng. Ltd. 3-8-9-11-14-17-19.
 - Rheem Mfg. Co. 6-17.
 - Rohde & Schwarz 21-22-23.
 - Sarkes-Tarjian, Inc. 20.
 - Siemens & Halske A.G. 3-4-5-6-7-8-9-11-12-13.
 - Sierra Electronics Corp. 22.
 - James S. Spivey, Inc. 1-5-8.
 - Tele-Rad Mfg. Corp. 12-16.
 - Television Utilities Corp. 2-7-20.
 - J. Langham Thompson Ltd. 6-8-21-22.
 - Transco Prods., Inc. 1.
 - Varo Mfg. Co., Inc. 22.

TRAPS—Wave

- Ashtan Electronics Ltd.
- Benco Television Assoc. Ltd.
- Brown, Boveri (Canada) Ltd.
- Watkins Electronics Ltd.
- Ortho Filter Corp.
- Siemens & Halske A.G.
- Torotor A/S.
- Vidair Electronics Mfg. Corp.

TUBE COOLING UNITS

- The Birtcher Corp.
- Eastern Industries, Inc.
- Ripley Co., Inc.
- United Aircraft Prods., Inc.

TUBES

- | | |
|------------------------------------|-------------------------------------|
| 1. Backward Wave | 19. Microwave Trans- |
| 2. Ballast | 20. Miniature |
| 3. Battery Charger | 21. Noise Source |
| 4. Bolometer | 22. Phototubes |
| 5. Cathode Ray, Instrument | 23. Phototubes, Multiplier |
| 6. Cathode Ray, Multiple Gun | 24. Pyram |
| 7. Cathode Ray, Studio or Theatre | 25. Power Amplifier |
| 8. Cathode Ray, Television Picture | 26. Receiving |
| 9. Counter Beam | 27. Rectifying, Gas Filled |
| 10. Electrometer | 28. Rectifying, Vacuum |
| 11. Geiger Mueller | 29. Subminiature |
| 12. Glow or Discharge | 30. Television Camera Pick-up |
| 13. Hearing Aid | 31. Television Projection |
| 14. Ignitron | 32. Thyatron |
| 15. Ionization | 33. TR, Pre TR and Anti TR |
| 16. Klystron | 34. Travelling Wave |
| 17. Magnetron | 35. Voltage Reference or Regulating |
| 18. Microwave Receiving | 36. X-ray |

- Amalgamated Electric Corp. Ltd. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35.
- Bailey Meter Co. Ltd. 4.
- Brown Boveri (Canada) Ltd. 17-19-32.
- Canadian General Electric Co. Ltd. 1-2-3-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-25-26-27-28-29-30-32-33-34-35-36.
- Canadian Marconi Co., Electronics Tube & Components Div. 5-6-7-8-9-12-16-17-18-19-21-22-25-26-27-28-29-32.
- Canadian Westinghouse Co. Ltd. Tube Div. 8-14-16-18-19-22-25-26-27-28-30-31-32-34-35-36.
- E.M.I.-Cossor Electronics Ltd. 5-6-7-16-17-22-23-26-30-31.
- Electronic Associates Ltd. 11-15-22.
- Ericsson Telephones Sales of Canada Ltd. 25-26.
- Ferranti-Packard Electric Ltd. 5-8-10-12-16-17-19-20-22-26-27-28-34.
- National Semiconductors Ltd. 22-23.
- Philips Electronic Industries Ltd. 36.
- Pye Canada Ltd., TV Trans. Div. 30.
- Raytheon Canada Ltd. 1-15-16-29-32.
- RCA Victor Co. Ltd. 7-8-14-16-22-23-25-26-27-28-29-30-31-32.
- Rogers Electronic Tubes & Components Div. of Philips Electronics Ind. Ltd. 2-3-5-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-33-34-35.
- Sperry Gyroscope Co. 4-16-19-34.
- Standard Telephones & Cables Ltd. 2-5-9-16-18-19-20-25-26-27-28-29-32-34-35.
- Sylvania Electric (Canada) Ltd. 1-4-7-8-14-15-16-17-19-20-21-22-23-24-25-26-27-28-29-30-32-33-34-35.
- Varian Associates of Canada Ltd. 1-16-18-19-34.
- Aerolux Light Corp. 4-11-12-27-32-35.
- Airborne Instruments Lab., Inc. 21.
- Allen B. Du Mont Labs., Inc. 5-6-22-23.

Amperex Electronic Corp.

- 9-11-13-14-16-18-19-25-26-27-28-29-32-35-36.
- Amperite Co. 2-35.
- Anton Electronics. 11-15-35.
- Atomic Accessories, Inc. 11.
- BJ Electronics, Borg-Warner Corp. 11-15.
- Baird Atomic Inc. 9-11-12.
- Bendix Aviation Corp. (CDC) 21-25-26.
- Bomac Labs., Inc. 16-17-18-19-21-33-34.
- Burroughs Corp. 9-12-21.
- Cascade Research. 1-25-28.
- CBS Electronics 5-20-25-26-28-35.
- Christie Electric Corp. 3.
- Clarostat Mfg. Co., Inc. 2.
- Continental Electric Co. 22-23-27-28-32.
- Cossor Instruments Ltd. 5-26-28.
- Diamond Power Specialty Corp. 30.
- Eitel-McCullough, Inc. 16-18-19-25-27-28-34.
- Electronic Tube Corp. 5-6-34.
- Electrons Inc. 27-32.
- English Electric Valve Co. 1-33-34-35.
- Etelco Ltd. 9-12-13-35.
- M. Falk II.
- General Electric Co. X-Ray Dept. 3-6.
- General Radiological Ltd. 36.
- B. F. Goodrich Sponge Prods. Div. 17-19-33.
- Gordos Corp. 3-27-28.
- Grundig Radio Werke. 8-30.
- Hallamere Electronics Co. 8.
- Huggins Labs., Inc. 1-34.
- Hughes Aircraft Co. 1-5-6-7.
- Ingenieur Büro Atlas. 8-30.
- International Telephone & Telegraph Corp. 5-25-28-34.
- Kay Electric Co. 21.
- Kuthe Labs., Inc. 32.
- Machlett Labs., Inc. 4-25-28-30-36.
- Microwave Assoc., Inc. 17-19-33.
- National Electronics, Inc. 14-27-28-32.
- National Union Electric Corp. 2-5-12-20-25-27-35.
- National Theatre Supply Co. 7.
- Nuclear Corp. of America, Instrument Div. 11.
- Penn-East Engrg. Corp. 29-35.
- Penta Labs., Inc. 25-28-32.
- Photo-Crystals, Inc. 22.
- Polarad Electronics Corp. 16.
- Radiation Counter Labs., Inc. 11.
- Radio Corp. of America. 5-6-7-8-16-18-19-30-31.
- Siemens & Halske A.G. 5-6-9-11-13-18-19-20-22-25-26-29-32-34-36.
- Siemens Edison Swan Ltd. 15.
- Sierra Electronic Corp. 15.
- Solus Electronic Tubes Ltd. 28-35-36.
- Sonotone Corp. 26-29.
- Standard X-Ray Co. 36.
- The Superior Electric Co. 35.
- Taylor Tubes Inc. 27-28-32.
- Tektronix, Inc. 5-6.
- Television Utilities Corp. 31.
- Thermosen Inc. 20-21-28-35.
- United Electronics Co. 7-27-28-30.
- Veeco Vacuum Corp. 15-24.
- Victoreen Instrument Co. 10-35.
- Waterman Prods. Co., Inc. 5.
- Waveline Inc. 2.

TUNERS

- | | |
|--------------|-----------------|
| 1. am | 6. Permeability |
| 2. fm | 7. Television |
| 3. fm/am | 8. Television |
| 4. Klystron | 9. uhf |
| 5. Microwave | |
- Addison Industries Ltd. 1-2-3.
 - Automatic Coil Mfg. Ltd. 7.
 - Beaconing Optical & Precision Maths. Co. Ltd. 5.
 - Beama Engrg. Ltd. 2.
 - Canadian General Electric Co. Ltd., E.E. & T.D. 3.
 - Collins Radio Co. of Canada Ltd. 4-5.
 - Daystrom Ltd. (Heath) 1-2-3.
 - Dominion Electrohome Ind. Ltd. 1-2-3.
 - E.M.I.-Cossor Electronics Ltd. 1-2-3-6.
 - EV of Canada Ltd. 3.
 - Electronic Communications Ltd. 1-2-3.
 - General Instrument—F. W. Sickles of Canada Ltd. 1-2-6-7-8-9.
 - Hackbusch Electronics Ltd. (Stromberg-Carlson) 1-2-3.
 - Lenkurt Electric Co. of Canada Ltd. 5-9.
 - Marsland Engrg. Co. Ltd. 6-7-9.
 - McCurdy Radio Industries Ltd. 3.

Northern Electric Co. Ltd. 1.

- The Plessey Co. of Canada Ltd. 1-2.
- Radio Condenser Co. Ltd. 5-6.
- Rogers Electronic Tubes & Components Div. of Philips Electronics Ind. Ltd. 3.
- Sea Breeze Mfg. Ltd. 1-3.
- Sinclair Radio Labs. Ltd. 4-5.
- Standard Coil Prods. Ltd. 1-2-7-9.
- Sylvania Electric (Canada) Ltd. 7.
- Acoustical Mfg. Co. Ltd. 1-2-6.
- Aerialite Ltd. 2-7-8.
- Airtron Inc. 5.
- Blonder-Tongue Labs. 3.
- David Bogen Co. Inc. (East). 1-2-3.
- Boulevard Electronics, Inc. 3.
- C. T. Chapman Ltd. 1-2-3.
- Diamond Antenna & Microwave Corp. 4-5.
- Douglas Microwave Co. Inc. 5.
- Dukane Corp. 1-2-3.
- Eddystone Co. Ltd. 1-2-3.
- Electronic Instrument Co., Inc. 2.
- Electro Voice Inc. 3.
- Elektromesstechnik Wilhelm Franz 2.
- Empire Devices Prods. Corp. 5.
- Ferranti Ltd. 5.
- B. F. Goodrich Sponge Prods. Div. 5.
- Granco Prods., Inc. 3.
- Hallamere Electronics Co. 7.
- Hewlett-Packard, Inc. 5.
- H. J. Leak & Co. Ltd. 9.
- P. R. Mallory & Co. Inc. 9.
- Mark Simpson Mfg. Co. Inc. 3.
- J. W. Miller Co. 1-2.
- Pilot Radio Corp. 1-2-3.
- Precision Electronics, Inc. 3.
- Radar Design Corp. 5.
- Sargent-Raymont Co. 3.
- Sherwood Electronic Labs., Inc. 2-3.
- Stratton & Co. Ltd. 1-2-3.
- Telerad Mfg. Corp. 5.
- Television Utilities Corp. 1-7.
- Torotor A/S. 2-7.
- The Trix Electrical Co. Ltd. 3.
- Waveline Inc. 4-5.
- Weinschel Engrg. & Mfg. Corp. 9.

TUNING DEVICES

- | R. Receiver, Mechanical | T. Transmitter, Mechanical |
|---|--|
| Addison Industries Ltd. R. | Beaconing Optical & Precision Maths. Co. Ltd. R-T. |
| Canadian General Electric Co. Ltd. R-T. | Croname (Canada) Ltd. R. |
| The Plessey Co. of Canada Ltd. R-T. | Radio Condenser Co. Ltd. R-T. |
| Bowmar Instrument Corp. R-T. | General Communications. R-T. |
| Jackson Bros. (London) Ltd. R. | Norden Div., United Aircraft Corp. R-T. |

TURNTABLES—Recording & Transcription

- Alliance Div., General Steel Ware
- Canadian General Electric Co. Ltd.
- Collins Radio Co. of Canada Ltd.
- E.M.I.-Cossor Electronics Ltd.
- Electronic Communications Ltd.
- McCurdy Radio Industries Ltd.
- RCA Victor Co. Ltd.
- Collaro Ltd.
- Dual, Gebr. Steidinger
- Elektromesstechnik Wilhelm Franz
- Fairchild Recording Equipment Co.
- Garrard Engineering & Mfg. Co. Ltd.
- Gray Mfg. Co.
- Lenco (Goldring) Mfg. Co. Ltd.
- Perpetuum Eber
- Rek-O-Kut Co.
- The Soundscribe Corp.
- A. R. Sugden & Co. Ltd.
- Suzuki Denki
- Telefunken GmbH.
- Telectro Industries Corp.
- Thorens Co.

U

ULTRASONIC EQUIPMENT—Cleaners, Drills, etc.

- Canadian Research Institute

Canadian Sonic Co.

- Canadian Westinghouse Co. Ltd.
- Continental-Diamond Fibre Ltd.
- Dial & Instrument Finishers Ltd.
- Dominion Electrohome Industries Ltd.
- Electronic Communications Ltd.
- Philips Electronics Industries Ltd.
- The Plessey Co. of Canada Ltd.
- Raytheon Canada Ltd.
- Transonic Ltd.
- Acoustica Associates.
- Bendix Aviation Corp. (CDC)
- Branson Instruments, Inc.
- Branson Ultrasonic Corp.
- Curtiss-Wright Corp.
- Dawe Instruments Ltd.
- General Ultrasonics Co.
- Gulton Industries Ltd.
- Narda Ultrasonics Corp.
- Radio Heaters Ltd.
- Sheffield Corp.
- Wayne Kerr Labs. Ltd.
- Ultradyne, Inc.

V

VACUUM INDICATING, RECORDING & CONTROL EQUIPMENT

- Bailey Meter Co. Ltd.
- The Bristol Co. of Canada Ltd.
- Central Scientific Co. of Canada Ltd.
- Daystrom Ltd.
- Edwards High Vacuum Canada Ltd.
- Fisher Scientific Co., Ltd.
- The Foxboro Co. Ltd.
- Honeywell Controls Ltd.
- Philips Electronics Industries Ltd.
- S. Smith & Sons (Canada) Ltd.
- Taylor Instrument Co.'s of Canada Ltd.
- Thermovolt Instruments Ltd.

- Cambridge Instrument Co. Ltd.
- Consolidated Electrodynamics Corp., Rochester Div.
- Edwards High Vacuum Ltd.
- Evershed & Vignoles Ltd.
- Haenni & Co. A.G.
- Haesting Raydist, Inc.
- Hughes Prods., Hughes Aircraft Co.
- N.R.C. Equipment Corp.
- Ruhstrat
- United Electrical Controls Co.
- United States Gauge.
- Veeco Vacuum Corp.

VACUUM PUMPS

- The Canadian Fairbanks-Morse Co. Ltd.
- Central Scientific Co. of Canada Ltd.
- Edwards High Vacuum Canada Ltd.
- Fisher Scientific Co. Ltd.
- The E. Harris Co. Ltd.
- Thermovolt Instruments Ltd.
- Varian Associates of Canada Ltd.
- Veeco Vacuum Corp.

- Consolidated Electrodynamics Corp., Rochester Div.
- Danchemo A/S.
- Edwards High Vacuum Ltd.
- Eitel-McCullough, Inc.
- Great Lakes Mfg. Corp.
- Metro-Vickers Electrical Co. Ltd.
- N.R.C. Equipment Corp.
- H. P. Preis Engraving Machine Co.
- Ruhstrat
- Siemens-Schuckertwerke A.G.
- Veeco Vacuum Corp.

VACUUM UNITS

- The E. Harris Co. Ltd.
- Edwards High Vacuum Canada Ltd.
- Consolidated Electrodynamics Corp., Rochester Div.
- Edwards High Vacuum Ltd.
- Great Lakes Mfg. Corp.
- Kahle Engineering Co.
- N.R.C. Equipment Corp.
- Solus Electronic Tubes Ltd.
- Veeco Vacuum Corp.

VALVES—Servo

- The Bristol Co. of Canada Ltd.
- The Canadian Fairbanks-Morse Co.
- Daystrom Ltd.
- The Garrett Mfg. Corp. of Canada Ltd.

- Raytheon Canada Ltd.
- Thermovolt Instruments Ltd.
- Adel Precision Prods.
- Aero Supply Co.
- The Bristol Co.
- George Ellison Ltd.
- Great Lakes Mfg. Corp.
- Kearfott Co., Inc.
- Moog Servocontrols, Inc.
- Samson (Frankfurt)
- United Aircraft Prods. Inc.

VALVES—Solenoid

- Canadian General Electric Co. Ltd.
- The Canadian Fairbanks-Morse Co. Ltd.
- Davis Automatic Controls Ltd.
- Electronics Corp. of America (Canada) Ltd.
- The Garrett Mfg. Corp. of Canada Ltd.
- General Controls Ltd.
- Honeywell Controls Ltd.
- Lucas-Rotax Ltd.
- Taylor Instrument Co.'s of Canada Ltd.

- Adel Precision Prods.
- Atkomatic Valve Co. Inc.
- Barksdale Valves
- The Bristol Co.
- Denison Engrg. Div., American Brake Shoe Co.
- Eckel Valve Co.
- George Ellison Ltd.
- Great Lakes Mfg. Corp.
- Sinclair-Collins Valve Co.
- Skinner Electric Valve Div.
- United Aircraft Prods., Inc.
- Veeco Vacuum Corp.

VARISTORS

- Canadian General Electric Co. Ltd.
- Canadian Line Materials Ltd.
- Ericsson Telephone Sales of Canada Ltd.
- Renfrew Electric Co. Ltd.
- The Carborundum Co., Global Plant.
- Schaver Mfg. Corp.
- Steatit-Magnesia A.G.

VIBRATION ANALYSIS EQUIPMENT

- | | |
|---------------|---------------------|
| 1. General | 3. High Temperature |
| 2. Electronic | Balancing |
| | 4. Fatigue |
| | Fatigue |
- Canadian Westinghouse Co. Ltd. 1-2.
 - E.M.I.-Cossor Electronics Ltd. 2.
 - International Business Machines Co. Ltd. 1-2.
 - Muirhead Instruments Ltd. 1-4.
 - Philips Electronics Industries Ltd. 1-2-4.
 - American Electronic Labs. Inc. 1-2-3-4.
 - American Research Corp. 1.
 - Bruehl & Kjaer 1.
 - Calidyne Co. 4.
 - Cambridge Instrument Co. Ltd. 1.
 - Century Electronics & Instruments, Inc. 1.
 - Chadwick-Helmuth Co. 1.
 - Dawe Instruments 2.
 - Electro Mechanisms Ltd. 1.
 - Endevco Corp. 1-4.
 - General Radio Co. 1.
 - Genisco, Inc. 1-4.
 - Goodmans Industries Ltd. 1-4.
 - Gulton Industries, Inc. 1-4.
 - Hughes Prods., Hughes Aircraft Co. 1-2-4.
 - International Radiant Corp. 3.
 - International Research & Devel. Corp. 1-2-4.
 - Kay Electric Co. 1.
 - Ling Electronics Corp.
 - Losenhausenwerk 2.
 - M. B. Mfg. Co. 1-4.
 - Manheim Mfg. & Belting Co. 1-2.
 - Muirhead & Co. Ltd. 1-4.
 - Riehle Testing Machines 4.
 - Southern Instruments Ltd. 1.
 - Southwestern Industrial Electronics Co. 1.
 - Taylor Electrical Instruments Ltd. 1.
 - Tel-Instrument Electronics Corp. 1.
 - Upton Corporation. 1.

VIBRATION EXCITING EQUIPMENT

- Canadian General Electric Co. Ltd.

- E.M.I.-Cossor Electronics Ltd.
- Philips Electronics Industries Ltd.

- All American Tool & Mfg. Co.
- A/S Bruel & Kjaer.
- The Calidyne Co., Inc.
- Conrad Inc.
- Endevco Corp.
- Gulton Industries, Inc.
- Ling Electronics Corp.
- Losenhausenwerk
- M. B. Mfg. Co.
- S. A. Rocher Electronique.

VOLTAGE SUPPLIES—Decade

- Acme Electric Corp. Ltd.
- Electronic Communications Ltd.
- Dressen-Barnes Corp.
- John Fluke Mfg. Co., Inc.
- Julie Research Labs., Inc.
- Kin-Tel.
- Northeast Scientific Corp.
- Owen Labs., Inc.
- Tel-Instrument Electronics Corp.
- Wandel & Goltermann.

VOLTMETERS

- | | |
|---------------|---------------|
| 1. General | 5. Kilovolt- |
| 2. Digital | meters |
| 3. Electronic | 6. Millivolt- |
| 4. Electro- | meters |
| static | 7. Slideback |
- Bach Simpson Ltd. 1-3-6.
 - Barber-Colman of Canada Ltd. 6.
 - Bepco Canada Ltd. 1.
 - Canadian General Electric Co. Ltd., E.E. & T.D. 5.
 - Canadian Marconi Co., Comm. Prods. Div. 3-6.
 - Canadian Research Institute. 1-3-4-5-6-7.
 - Canadian Westinghouse Co. Ltd. 2-3.
 - Daystrom Ltd. (Weston) 1-3-5-6.
 - Electrical Mfg. Co. 1.
 - Electronic Communications Ltd. 3.
 - English Electric Co. of Canada Ltd. 1.
 - Helipot Div., Beckman Inst. 1.
 - Honeywell Controls Ltd. 3-6.
 - Philips Electronics Industries Ltd. 1-3-5-6.
 - Stark Electronic Instruments Ltd. 1.
 - Tecneek Associates 1-6.
 - Thermovolt Instruments Ltd. 1-6.

- Acton Labs., Inc. 3.
- Adage, Inc. 2-3.
- Advance Components Ltd. 1-3-6.
- A. E. G. 1-6.
- Alto Scientific Co., Inc. 1-3-6.
- Amos of Exeter Ltd. 3.
- Assembly Prods., Inc. 1-6.
- Associated Research, Inc. 5-6.
- Avo Ltd. 3.
- Ballantine Labs., Inc. 3-5.
- Beckman Berkeley Div. 2.
- Beebe Electrical Instrument Co., Inc. 1-5-6.
- Beta Electric Corp. 5.
- British Physical Labs. 1-2-3-6.
- A/S Bruel & Kjaer. 3.
- Burr Brown Corp. 3-6.
- Burton-Rogers Co. 1-6.
- C. G. Electronics Corp. 2.
- Cambridge Instrument Co. Ltd. 1-6.
- Camille Bauer Ltd. 1-5-6.
- Chicago Industrial Instrument Co. 1-6.
- Clough-Brengle Co. 1-3.
- Cubic Corp. 2.
- A/S Danbridge 1-5-6.
- Del Daven Co. 1.
- Dawe Instruments Ltd. 3.
- DeJur-Amsco Corp. 1-6.
- Donner Scientific Co. 3.
- Electro Instruments, Inc. 2-3-6.
- Electro-Mechanical Instrument Co. 1.
- Electronic Associates, Inc. 2-3.
- Electronic Instruments Ltd. 1-3.
- Electronic Instrument Co., Inc. 1.
- Electronic Measurements Corp. 1-3.
- Electronics Associates. 1.
- Elima GmbH. 1-5.
- Epsco, Inc. 2-3.
- Esterline-Angus Co. Inc. 1-6.
- Evershed & Vignoles Ltd. 1-5-6.
- Ferranti Ltd. 1-4-5-6.
- Fisher Research Lab. Inc. 3-6-7.
- John Fluke Mfg. Co. Inc. 1-3-6-7.
- Franklin Electronics, Inc. 2.
- General Radio Co. 3.
- Gertsch Prods., Inc. 5.
- Electronic Instruments Ltd. 1-3.
- P. Gossen & Co. GmbH. 1-3-5-6.
- Greibach Instruments Corp. 1-5.
- Gulton Industries Inc. 1.
- Hartmann & Braun A.G. 1-4-5-6.

- Hewlett-Packard Co. 1-2-3-6.
- Hickok Electrical Instrument Co. 1-3-6.
- Hoyt Electrical Instrument Works 1-6.
- Hughes Prods., Hughes Aircraft Co. 1-2.
- Industrial Control Co. 3.
- International Instruments Inc. 1-2-6.
- Industrial Controls Co. 6.
- Jennings Radio Mfg. Corp. 5.
- I/S Jensen Electric. 1-5-6.
- Kay Electric Co. 1.
- Kearfott Co., Inc. 2-3.
- Kin-Tel. 1-2-3-6.
- Marion Electrical Instrument Co. 1-5-6.
- Measurements, a McGraw-Edison Div. 3.
- Metra Corp. 1-4-6.
- Metronix, Inc. 3-6.
- Metropolitan Vickers Electrical Co. Ltd. 1-6.
- Microdyne 3.
- Millivane Instruments 3.
- Nalder Bros. & Thompson Ltd. 1-5-6.
- Nash & Thompson Ltd. 3.
- Non-Linear Systems, Inc. 2.
- Owen Labs., Inc. 2.
- Phaostrotron Instrument & Electronic Co. 1-5.
- Potter Instrument Co. Inc. 2-3.
- Precision Apparatus Co. Inc. 1-3.
- W. G. Pye Co. Ltd. 3.
- Pyramid Instrument Corp. 1.
- Radio Corp. of America. 1.
- Radio Frequency Labs. 2-3.
- Radiometer. 3-6.
- Railway Communications Inc. 1.
- Record Electrical Co. Ltd. 1-5-6.
- S. A. Rocher Electronique 2-3-6.
- Rohde & Schwarz 1-3-5-6.
- Roller-Smith Instruments, Inc. 1-6.
- Sanwa Electric Instrument Works 1.
- Sensitive Research Instrument Corp. 1-4-5-6.
- Shallcross Mfg. Co. 5.
- Shurite Meters. 1-6.
- Siemens Edison Swan Ltd. 1-6.
- Siemens & Halske A.G. 1-5-6.
- Sierra Electronic Corp. 3.
- Sifam Electrical Instruments Co. Ltd. 1.
- Sterling Mfg. Co. 1.
- The Solartron Electronic Group Ltd. 2-3.
- Soundolier Inc. 1.
- Southern Instruments Ltd. 2.
- Southwestern Industrial Electronics Co. 1-6.
- Taylor Electrical Instruments Ltd. 1-6.
- Trio Labs., Inc. 3.
- Triplett Electrical Instrument Co. 1-4.
- Ernest Turner Electrical Instruments Ltd. 1-4-6.
- WacLine, Inc. 1-6.
- Waters Mfg., Inc. 1-6.
- Wayne Kerr Labs Ltd. 1-3.
- Welch Mfg. Co. 1.
- Winston Electronics Ltd. 2.

W

WATTMETERS

- Bach Simpson Ltd.
- Barber-Colman of Canada Ltd.
- Bayly Engineering Ltd.
- Bepco Canada Ltd.
- Canadian General Electric Co. Ltd.
- Canadian Research Institute.
- Canadian Westinghouse Co. Ltd.
- Daystrom Ltd. (Weston)
- English Electric Co. of Canada Ltd.
- Ericsson Telephone Sales of Canada Ltd.
- Thermovolt Instruments Ltd.
- Tinsley Instruments.
- A. E. G.
- Assembly Products, Inc.
- B. J. Electronics.
- Budelman Electronics Corp.
- Cambridge Instrument Co. Ltd.
- Camille Bauer Ltd.
- Chemalloy Electronics Corp.
- Chicago Industrial Instrument Co.
- Cubic Corp.
- A/S Danbridge
- Elima GmbH.
- Esterline-Angus Co. Inc.
- Evershed & Vignoles Ltd.
- Ferranti Ltd.
- John Fluke Mfg. Co. Ltd.
- General Radio Co.
- P. Gossen & Co. GmbH.
- P. Gossen & Co. GmbH.
- Hartmann & Braun A.G.

- Hewlett-Packard Co.
- Hickok Electrical Instrument Co.
- International Instruments Inc.
- I/S Jensen Electric.
- Metrawatt, A.G.
- Metra Corporation
- Metro-Vickers Electrical Co. Ltd.
- Radio Frequency Labs.
- The Record Electrical Co. Ltd.
- Roller-Smith Instruments, Inc.
- Sensitive Research Instrument Corp.
- Siemens Edison Swan Ltd.
- Siemens & Halske A.G.
- Sierra Electronic Corp.
- Taylor Electrical Instruments Ltd.
- Triplett Electrical Instrument Co.
- WacLine, Inc.
- Wandel & Goltermann.
- Welch Mfg. Co.

WAVEGUIDE DISSIPATIVE STRIPS

- Airtron Canada Ltd.
- Neosid Canada Ltd.
- The Plessey Co. of Canada Ltd.
- RCA Victor Co. Ltd.
- Sinclair Radio Labs. Ltd.

- Bogart Mfg. Corp.
- Diamond Antenna & Microwave Corp.
- Emerson & Cuming, Inc.
- Filmohm Corp.
- FXR, Inc.
- B. F. Goodrich Sponge Prods. Div.
- Meridian Metalcraft, Inc.
- Microwave Assoc., Inc.
- Sanders Associates, Inc.
- W. H. Sanders Ltd.
- Technicraft Lab., Inc.
- Telerad Mfg. Corp.
- Waveline Inc.

WAVEGUIDE TEST EQUIPMENT

- Airtron Canada Ltd.
- RCA Victor Co. Ltd.
- Sinclair Radio Labs. Ltd.
- BJ Electronics Borg-Warner Corp.
- California Technical Ind.
- Chemalloy Electronics Corp.
- I.T.E. Circuit Breaker Co.
- Cubic, Corp.
- Diamond Antenna Microwave, Corp.
- Douglas Microwave Co., Inc.
- FXR, Inc.
- Ferranti Ltd.
- B. F. Goodrich Sponge Prods. Div.
- Hewlett-Packard Co.
- Hughes Prods., Hughes Aircraft Co.
- Kearfott Co. Inc.
- Microwave Associates, Inc.
- Narda Microwave Co.
- W. H. Sanders Ltd.
- Sperry Gyroscope Co.
- Telerad Mfg. Corp.
- Waveline Inc.
- Weinschel Engrg. & Mfg. Corp.

WAVEGUIDES

- | | |
|----------------|----------|
| C. Combination | R. Rigid |
| F. Flexible | |
- Airtron Canada Ltd. C-F-R.
 - Andrew Antenna Corp. Ltd. R.
 - Collins Radio Co. of Canada Ltd. R.
 - Decca Radar (Canada) Ltd. F-R.
 - E.M.I.-Cossor Electronics Ltd. R.
 - Fleet Mfg. Ltd. R.
 - Lenkurt Electric Co. of Canada Ltd. C.
 - RCA Victor Co. Ltd. C-F-R.
 - Sinclair Radio Labs. Ltd. C-F-R.
 - Airtron Inc. C-F-R.
 - Bogart Mfg. Corp. C.
 - Co-Operative Industries, Inc. C-F.
 - CWS Waveguide Corp. C-R.
 - Danbury Knudsen Inc. R.
 - Douglas Microwave Co. Inc. R.
 - I.T.E. Circuit Breaker Co. C-R.
 - Diamond Antenna Microwave Corp. C-F-R.
 - Dielectric Products Engrg. Co., Inc. R.
 - Douglas Microwave Co., Inc. R.
 - FXR, Inc. C-F-R.
 - Ferranti Ltd. C.
 - B. F. Goodrich Sponge Prods. Div. C-F-R.
 - D. S. Kennedy & Co. C-R.
 - Meridian Metalcraft, Inc. C-R.
 - Microwave Associates Inc. C.
 - Microwave Development Labs., Inc. C-F-R.

Narda Microwave Corp. C-R.
W. H. Sanders (Electronics)
Ltd. C-F-R.
■ Technicraft Lab., Inc. C-F-R.
Telerad Mfg. Corp. C-F-R.
United Aircraft Prods. Inc. R.
Waveguide, Inc. C-F-R.
Waveline, Inc. C-R.

WAVEMETERS—Microwave

Canadian Marconi Co.
Collins Radio Co. of Canada
Ltd.
Ferranti-Packard Electric Ltd.
Microwave Assoc., Inc.
Savage & Parsons Ltd.
■ Sinclair Radio Labs. Ltd.

B. J. Electronics.
Diamond Antenna Microwave
Corp.
Dougher Microwave Co. Inc.
FXR, Inc.
Frequency Standards Ltd.
General Communications Co.
B. F. Goodrich Sponge Prods.
Div.
Hewlett-Packard Co.
Meridian Metalcraft, Inc.
Mico Instrument Co.
Microwave Development Labs.,
Inc.
Narda Microwave Corp.
Radars Design Corp.
Railway Communications, Inc.
W. H. Sanders (Electronics) Ltd.
Waveline Inc.

WINDOWS—Pressurizing

Collins Radio Co. of Canada Ltd.
Ferranti-Packard Electric Ltd.

Airtorn Inc.
The Carborundum Co.
Filmohm Corp.
B. F. Goodrich Sponge Prods.
Div.
Microwave Assoc., Inc.

WIRE

- | | |
|----------------------|-----------------|
| 1. Aluminum | 18. Hook-up |
| 2. Annunciator | 19. Indium |
| 3. Asbestos | 20. Litz |
| 4. Insulated | 21. Magnet |
| 5. Beryllium | 22. Metal |
| 6. Copper | 23. Shielded |
| 7. Ceramic | 24. Molybdenum |
| 8. Insulated | 25. Monel |
| 9. Columbian | 26. Nickel Clad |
| 10. Copper | 27. Copper |
| 11. Bare | 28. Phosphor |
| 12. Antennas | 29. Bronze |
| 13. Copper-Clad | 30. Plastic |
| 14. Insulated | 31. Insulated |
| 15. Cut and Stripped | 32. Platinum |
| 16. Enamelled | 33. Recording |
| 17. Fine Wire | 34. Resistance |
| 18. Specialties | 35. Silver |
| 19. Glass | 36. Stainless |
| 20. Insulated | 37. Steel |
| 21. Gold | 38. Tantalum |
| 22. Plated | 39. Teflon |
| 23. Insulated | 40. Insulated |
| 24. Guy | 41. Titanium |
| 25. High Voltage | 42. Tungsten |
| | 43. Zirconium |

Aluminum Co. of Canada Ltd.
1-16-21.
Amphenol Canada Ltd. 8-10-11-14-17-18-22-27-34.
Automatic Coil Mfg. Ltd. 11.
■ Automatic Electric Sales (Canada) Ltd. 7-9-10-16-18-27.
Balfour-Guthrie Canada Ltd. 15.
Bepco Canada Ltd. 1-7-9-10-17-22-27.
Bohne Industries Ltd. 13.
Boston Insulated Wire & Cable Ltd. 2-10-13-14-17-18-22-27-34.
■ Canada Wire & Cable Co. Ltd. 1-2-3-4-7-8-9-10-11-12-13-14-16-17-18-20-21-22-26-27-34.
■ Canadian General Electric Co. Ltd. 1-3-7-10-12-16-17-18-21-23-25.
Cords (Canada) Ltd. 11.
Electrolabs 2-18-27.
Electronic Components Ltd. 10-17-27.
Engelhard Industries of Canada Ltd. 13-15-28-31.
Ericsson Telephone Sales of Canada Ltd. 7-10-22-27.
■ Federal Wire and Cable Div. of H. K. Porter Co. (Canada) Ltd. 1-2-3-7-8-9-10-11-12-14-17-18-21-25-27-31-34.
Ferro Enamels (Canada) Ltd. 30.
Fleck Mfg. Ltd. 11.
General Wire & Cable Co. Ltd. 1-2-3-7-8-10-11-14-16-17-18.
Globelite Batteries Ltd. 27.
The B. Greening Wire Co. Ltd. 1-7-10-12-13-16-24-25.

The E. Harris Co. Ltd. 13-24-26-32.
Hawkesbury Wire Co. Ltd. 10-12-13-14-20-21-30-31-34.
Honeywell Controls Ltd. 5-7-10-12-14-22-27-28-34.
Hoskins Alloys of Canada Ltd. 12-24-32.
Jerrold Electronics (Canada) Ltd. 31-34.
Johnson Matthey & Mallory Ltd. 15-28-31.
Micarta Fabricators Ltd. 5-34.
National Fibre Co. of Canada Ltd. 9.
Northern Electric Co. Ltd. 2-3-7-8-9-10-17-27.
Phillips Electrical Co. Ltd. 1-2-3-7-8-9-10-12-13-14-17-18-21-22-26-27-30-32-34.
Pirelli Cables, Conduits Ltd. 1-2-3-7-10-17.
■ Polytronics Co. 30.
Rogers Electronic Tubes & Components 13-20.
Sylvania Electric Canada Ltd. 36-37.
Thermo Electric (Canada) Ltd. 5-14-28.
The Universal Wire and Cable Co. Ltd. 12-21.
X-Ray & Radium Industries Ltd. 13-20.

Aerialite Ltd. 8-10-11-17-18-22-27.
Aero Research Instrument Co., Inc. 5-22.
Allied Plastic Supply Corp. 18-27-34.
Alpha Wire Corp. 7-8-10-11-12-13-14-17-18-21-22-26-27-31-34.
American Super-Temperature Wires, Inc. 34.
Amplivox Exports Ltd. 13.
Belden Mfg. Co. 7-8-17-19-21-23-34.
Berkshire Electric Cable Co. 10-18-27.
Birnbach Radio Co., Inc. 1-7-8-9-10-11-13-14-16-17-18-21-26-27-31-34.
Bridgeport Insulated Wire Co. 10-12-13-14-20-21-31-34.
Consolidated Wire & Associated Cos. 7-8-9-10-13-16-17-18-21-22-25-26-27.
Crucible Steel Company of America 21-32-35.
Driver-Harris Co. 12-13-14-24-32.
Eagle Electric Mfg. Co., Inc. 27.
Fansteel Metallurgical Corp. 6-23-33-36.
General Electric Co. (Lamp Wire & Phosphors) 23-36.
Havco Industries, Inc. 21-34.
Hitcom Wires, Inc. 5-10-12-18-21-22-27-34.
Inso Prods. Ltd. 10-18-27-31-34.
The C. O. Jelliff Mfg. Corp. 12-13-24-30.
Jersey Specialty Co., Inc. 8.
Johnson Matthey & Co. Ltd. 15-21-30-31.
Low Moor Alloy Steelworks Ltd. 32.
P. R. Mallory & Co., Inc. 23-25-36-37.
Metals & Controls Corp. 15-28-37.
Murex Ltd. 33-36-37.
Nessor Alloy Products Co. 13-28-33.

■ The J. M. Ney Co. 30.
North American Philips Co., Inc., Elmet Div. 23-36.
Pacific Automation Prods., Inc. 1-3-4-6-7-8-10-11-12-13-14-16-17-18-22-27-31-32-34.
Permanoid Ltd. 22-27.
Phalo Plastic Corp. 2-8-10-11-17-18-22-27-34.
Phelps Dodge Copper Prods. Corp. 10-12-14-21.
Pixberg & Co. 13-30.
Precision Tube Co., Inc. 22.
Prodolin, Inc. 34.
Revere Corp. of America 3-5-10-14-17-18-22-27-30-31-34.
Ruhstrat 28.
Saxton Prods., Inc. 1-7-8-9-10-11-12-14-16-17-18-21-22-27-32-34.
W. S. Shamban & Co. 27-34.
■ Siemens & Halske A.G. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37.
■ Siemens Edison, Swan Ltd. 34.
Sprague International Ltd. 5-34.
Stromberg Carlson Co. 9-10-12-16-27.
Tensolite Insulated Wire Co. 13-14-18-27-34.
Thermax Wire Corp. 31-34.
Times Wire & Cable Co., Inc. 31-34.
Trio Mfg. Co. 8.
United Sensor & Control Corp. 5.

Wandleide Cable Works Ltd.
1-2-7-8-9-12-17-18-20.
Daniel Woodhead Co. 10.

WIRE STRIPPERS

- | | |
|-------------|---------------|
| 1. Chemical | 3. Mechanical |
| 2. Hand | |
- Canadian Cinch Anchoring Systems 2-3.
■ Hackbusch Electronics Ltd. (Stromberg-Carlson) 2.
■ Hellermann Canada Ltd. 2.
Holub Industries Inc.
R. Mack & Co. Ltd. 2.
Aero Research Instrument Co., Inc. 2-3.
Artos Engrg. Co. 3.
Birnbach Radio Co., Ltd. 2.
Blonder-Touque Labs., Inc. 2.
General Cement Mfg. Co. 2-3.
Hunter Tools, 2.
Ideal Industries Ltd. 2-3.
London Chemical.
MacDonald & Co. 2-3.
K. Miller Tool & Mfg. Co. 2.
P. K. Neuses Inc. 2.
Pacific Automation Prods., Inc. 2-3.
Geo. Stevens Mfg. Co. Inc. 3.
Technical Devices Co. 2-3.
Texas Instruments Incorporated. 1.

X

X-RAY EQUIPMENT

- | | |
|---------------|------------|
| 1. Industrial | M. Medical |
|---------------|------------|
- Brown, Boveri (Canada) Ltd. I-M.
Canadian Curtiss-Wright Ltd. I.
Daystrom Ltd. I-M.
■ Philips Electronics Industries Ltd. I-M.
Chirana Corp. 2.
M. Falk I-M.
General Electric Co. X-Ray Dept. I-M.
General Radiological Ltd. I-M.
■ High Voltage Engrg. Corp. I-M.
Keleket X-Ray Corp. I.
Metro-Vickers Electrical Co. Ltd. I-M.
■ Philco Corp., Gov. & Ind. Div. I-M.
Sheffield Corp. I.
■ Siemens & Halske A.G. Solus Electronic Tubes Ltd. Standard X-Ray Co. 2.
Television Utilities Corp. I.
Universal Transistor Products Corp. I.
Westinghouse Electrical International Corp. I-M.

Y

YOKES—Deflection

- E.M.I.-Cossor Electronics Ltd. General Instrument - F. W. Sicksles of Canada Ltd. Gomard Electronics Ltd. The Plessey Co. of Canada Ltd. RCA Victor Co. Ltd. Rotronic Corp. Ltd. Valeriot Electronics (Guelph) Ltd.
Automatic Coil Mfg. Ltd. General Ceramics Corp. Heppner Mfg. Co.
■ Muirhead & Co. Ltd. Radio Industries Inc. Ram Electronics Corp. Thordarson-Meissner Torotor A/S.
Whiteley Electrical Radio Co. Ltd.

HARDWARE & FINDINGS

ADHESIVES

The Borden Chemical Co. Canada Ltd.
B. F. Goodrich Canada Ltd.
Minnesota Mining & Mfg. of Canada Ltd., Electrical Products Div.
Paisley Prods. of Canada Ltd.
Coast Pro-Seal & Mfg. Co. The Connecticut Hard Rubber Co.
Emerson & Cuming, Inc. General Cement Mfg. Co. Heddo Tape Co. Ltd. Lord Mfg. Co.
Norton Behr Manning Overseas, Inc.
Sonneborn Ltd.
Zophar Mills, Inc.

BI-METALS—Thermostatic

Engelhard Ind. of Canada Ltd.
Honeywell Controls Ltd.

Haenni & Co. A.G.
Metals & Controls Corp.
United Aircraft Prods. Inc.

CASTINGS—Precision

Airtorn Canada Ltd.
Aluminum Co. of Canada Ltd.
Aviation Electric Ltd.
The Canada Metal Co., Limited
■ Canadian Westinghouse Co. Ltd., Electronic Div.
The Plessey Co. of Canada Ltd.

Aerialite Ltd.
Crucible Steel Company of America
Microwave Development Labs., Inc.

CEMENTS—Radio

Amphenol Canada Ltd.
Hysol (Canada) Ltd.
General Cement Mfg. Co.
Walso Electronics Mfg. Co.
Workman TV, Inc.
Zophar Mills, Inc.

CHEMICALS

- | | |
|-------------------|----------------|
| 1. Electronic | 3. Luminescent |
| 2. Electroplating | 4. Tube |

■ Bakelite Co. 1.
Dial & Instrument Finishers Ltd. 3.
Engelhard Industries of Canada Ltd. 2.
Fisher Scientific Co. Ltd. 1-2.
■ Philip A. Hunt (Canada) Ltd. (Eiching)
Johnson Matthey & Mallory Ltd. 2.
Radelin Ltd. 3.
Mrs. B. Whitaker 3.
Witco Chemicals Co. Canada Ltd. 1-2.
X-Ray & Radium Industries Ltd. 3.
Churchill Chemical Corp. 1.
Electrical Chemical Specialty Co. 1.
Electronic Chemical Corp. 1.
General Cement Mfg. Co. 1.
Injectall Co. 1.
P. R. Mallory & Co., Inc. 2.
Servisol Ltd. England 1.
United States Radium Corp. C. K. Williams & Co. 1-4.
Workman TV Inc. 1.

COATINGS

- | | |
|---------------|---------------|
| 1. Conductive | 3. Salt Spray |
| 2. Protective | Resistant |
- Amphenol Canada Ltd. 1-2-3.
■ Bakelite Co. 1-2-3.
The Borden Chemical Co. Canada Ltd. 2-3.
The Canadian Fairbanks-Morse Co. Ltd. 2.
Canadian Pittsburgh Industries 1.
Halliday Armstrong Ltd. 2-3.
The E. Harris Co. Ltd. 1.
Hysol (Canada) Ltd. 1-2-3.
Lion Rubber & Plastics Ltd. 2-3.
Minnesota Mining & Mfg. of Canada Ltd. 2-3.
Osborne Electric Co. Ltd. 1-2-3.
Sonneborn Ltd. 2.
Witco Chemicals Co., Canada, Ltd. 2.
X-Ray & Radium Industries Ltd. 1-3.

Acheson Colloids Co., Div. of Acheson Ind., Inc.
Biwax Corp. 2-3.
Coast Pro-Seal & Mfg. Co. 2.
The Connecticut Hard Rubber Co. 2.
Emerson & Cuming, Inc. 1-2-3.
Filmohm Corp. 1.
General Cement Mfg. Co. 2-3.
Injectall Co. 2.
Murphy Radio Ltd., Electronics Div. 2.
Norton Behr Manning Overseas, Inc. 2.
Richmond Mica Corp. 2.
Schenectady Varnish. 3.
Sparta Mfg. Co. 2-3.
Waldom Electronics Inc. 2.
C. K. Williams & Co. 2.
Zophar Mills, Inc. 2-3.

CORDS & CABLES—Dial

Amalgamated Electric Corp. Ltd.
Phillips Electrical Co. Ltd.
Allied Plastics Supply Corp.

Alpha Wire Corp.
Berkshire Electric Cable
Birnbach Radio Co., Inc.
Eagle Electric Mfg. Co., Inc.
General Cement Mfg. Co.
Gudebrod Bros. Silk Co. Inc.
Jones Stroud Co.
Suflex Ltd.
Walsco Electronics Mfg. Co.
Waldom Electronics, Inc.

CORDS—Lacing

- Hackbusch Electronics Ltd. (Stromberg-Carlson)

Allied Plastics Supply Corp.
Alpha Wire Corp.
Birnbach Radio Co., Inc.
Chemo Prods., Inc.
General Cement Mfg. Co.
Gudebrod Bros. Silk Co. Inc.
Resin Industries Div. Borden Chemicals
Suflex Ltd.

DECALCOMANIAS

Decalcomania Co. Ltd., (Canada)

- W. H. Brady Co.
Darling Technical Labs.
Fuze-On Prods., Inc.
Walsco Electronics Mfg. Co.

DOLLIES—Laboratory & Oscilloscope

- E.M.I.-Cossor Electronics Ltd.
Fisher Scientific Co. Ltd.
■ Hammond Mfg. Co. Ltd.
■ Raytheon Canada Ltd.
■ X-Ray & Radium Industries Ltd.

Electronic Tube Corp.
Nuclear Corp. of America, Instr. Div.
Polarad Electronics Corp.
Technibilt Corp.

FINISHES—Luminous

Dial & Instrument Finishers Ltd.
The E. Harris Co. Ltd.
Precision Dials Ltd.
Radelin Ltd.
X-Ray & Radium Industries Ltd.

FLUX—Brazing or Soldering

Aluminum Co. of Canada Ltd.
The Canada Metal Co., Limited
The Canadian Fairbanks-Morse Co. Ltd.
Canadian Liquid Air Co.
Engelhard Industries of Canada Ltd.
Eutectic Welding Alloys Co. of Can.
Handy & Harman of Canada Ltd.
Johnson, Matthey & Mallory Ltd.
Kester Solder Co. of Canada Ltd.
Paisley Prods. of Canada Ltd.
Perdeck Solder Products Ltd.
H. P. Preis Engraving Machine Co.
General Cement Mfg. Co.
P. R. Mallory & Co., Inc.
Mico Instrument Co.

GRILLES—Speaker

- Croname Canada Ltd.
- Hackbusch Electronics Ltd. (Stromberg-Carlson)
- Hammond Mfg. Co. Ltd.
- National Sound Services Ltd.

Argos Prods. Co., Inc.
Eby Sales Co.
Electro Prods., Inc.
Electro Voice, Inc.
Fourjay Industries
General Cement Mfg. Co.
Peerless Prods. Industries
Rytel Corp.
Saxton Prods., Inc., Wire & Cable Div.
Telefunken GmbH.
Walsco Electronics Mfg. Co.
Wendell Plastic Fabrics Corp.

GROMMETS

F. Fibre **R. Rubber**
Amphenol Canada Ltd. **R & F**
Armet Industries Ltd. **R**
Aviation Electric Ltd. **R**
Continental-Diamond Fibre of Canada Ltd. **F**
■ Hellerman Canada Ltd. **R**
Lion Rubber & Plastics Ltd. **R**
National Fibre Co. of Canada Ltd. **F**
Oki & Willadsen Ltd. **F**

Shakeproof/Fastex Div., Canada
Illinois Tools Ltd. **F-R**
Spaulding Fibre of Canada Ltd. **F**

Allied Plastics Supply Corp. **F**
Amatom Electronic Hardware Co. Inc. **F-R**
General Cement Mfg. Co. **F-R**
Permonite Mfg. Co. **F**
Walsco Electronics Mfg. Co. **R & F**
Waldom Electronics, Inc. **R**

LABELS—Pressure Sensitive

Avery Adhesive Label Corp. (Canada) Ltd.
The E. Harris Co. Ltd.
Minnesota Mining & Mfg. of Canada Ltd.

Walsco Electronics Mfg. Co.

METAL PARTS

- | | |
|---------------|--------------|
| 1. Deep Drawn | 5. Small |
| 2. Laminated | Stampings |
| 3. Powdered | 6. Spinnings |
| 4. Screw | 7. Trimmings |
- Machine

Ashman Electronics Ltd. 5.
Alliance Motors, Div. of The Easy Washing Machine Co. Ltd. 6.
Aviation Electric Ltd. 4.
Beaconing Optical & Precision Matl. Co. Ltd. 4-5.
Bishop Sons & Co. Ltd. 5.
The Canadian Fairbanks-Morse Co. Ltd. 4.
■ Canadian Westinghouse Co. Ltd. Electronics Div. 2-3.
Collben Mfg. Co. Ltd. 5.
The Consolidated Mining & Smelting Co. of Canada Ltd. 3.
Croname Canada Ltd. 7.
Dominion Fasteners Ltd. 5.
Electronic Components Ltd. 5.
El-Met Parts Ltd. 1-2-5.
H. B. Etlin Co. Ltd. 5.
F.A.J. Tools Co. 5.
Humble Mfg. Co. Ltd. 5.
C. C. Meredith & Co. Ltd. 4-5.
Neosid Canada Ltd. 3.
Oki & Willadsen Ltd. 5.
Osborne Electric Co. Ltd. 2-4-5.
The Plessey Co. of Canada Ltd. 2-3-5.
Sido Ltd. 4.
N. Slater Co., Ltd. 1-5.
Standard Television Prods. Ltd.
The Staver Co., Inc. 1-2-5.
St. John's Metal Stamping Co. 1-5.
Strippit Tool & Machine Co. 1-5.
Thermovolt Instruments Ltd. 5.
United-Carr Fastener Co. of Canada Ltd. 1-2-4-5.
The Wallace Barnes Co. Ltd. 5.
Waterloo Metal Stampings Ltd. 5.
Y W Small Parts Ltd. 4.

Akro-Mils, Inc. 5.
Amatom Electronic Hardware Co., Inc. 4-5.
Atlas E-E Corp. 4-5.
Cinim Mfg. Co. 2-4-5.
Dandy Machine Specialties
Falstrom Co. 1.
Fuze-On Prods. 4-7.
General Cement Mfg. Co. 5.
Harwin Engineers Ltd. 4.
Heldor Mfg. Co., Inc. 1-2-6.
Litton Industries, Components Div. 7.
Malco Mfg. Co. 5.
National Moldite Co. 3.
The J. M. Ney Co. 4-5.
Peerless Prods. Industries 4-5-7.
■ Precision Metal Products 4.
Ucinite Co. 1-2-4-5.
United Aircraft Prods., Inc. 1-4-5-6.
Vector Electronic Co. 5.
Worcester Pressed Aluminum Corp. 1-5.

RESINS—Potting

■ Bakelite Co.
The Borden Chemical Co. Canada Ltd.
■ Canadian General Electric Co. Ltd.
Halliday-Armstrong Ltd.
Hysol (Canada) Ltd.
Minnesota Mining & Mfg. of Canada Ltd., Electrical Prods. Div.
Monsanto Canada Ltd.
Osborne Electric Co. Ltd.
Paisley Prods. of Canada Ltd.
Witco Chemicals Co. Canada Ltd.

Biwax Corp.
Churchill Chemical Corp.

Emerson & Cuming, Inc.
Gulton Industries Ltd.
Murphy Radio Ltd.
Zophar Mills, Inc.

SHAFTS

F. Flexible **R. Rigid**
The Canadian Fairbanks-Morse Co. Ltd. **F-R**
Found Bros. Aviation Ltd. **F**
Servomechanisms Canada Ltd. **R**
Spaulding Fibre of Canada Ltd. **R**

Amatom Electronic Hardware Co., Inc. **R**
Birnbach Radio, Co., Inc. **F-R**
Breeze Corp., Inc. **F-R**
Bud Radio Inc. **F-R**
Dynamic Gear Co. Inc. **R**
Falcon Machine & Tool Co. **F**
The Finney Co. **F-R**
Foredom Electric Co. **F**
■ Jackson Bros. (London) Ltd. **F-R**
E. F. Johnson Co. **F-R**
Kuprian Mfg. Corp. **F**
National Co. Inc. **F-R**
P.I.C. Design Corp.

SOLVENTS—Epoxy Resin

■ Bakelite Co.
The Borden Chemical Co. Canada Ltd.
Halliday-Armstrong Ltd.
Hysol (Canada) Ltd.
Paisley Products of Canada Ltd.
Sonneborn Ltd.
Emerson & Cuming, Inc.
General Cement Mfg. Co.

SOLVENTS—Resin Flux

Kester Solder Co. of Canada Ltd.
London Chemical Mfg. Co.

INSULATION MATERIALS & PARTS

ALUMINUM OXIDE

Aluminum Co. of Canada Ltd.
Fisher Scientific Co. Ltd.
The Carborundum Co., Globar Plant.
Compagnie Générale d'Electro-Ceramique.
Electronic Mechanics, Inc.
General Abrasive Co.
K. L. G. Sparking Plugs Ltd.
Norton Behr-Manning Overseas Inc.

CERAMICS & CERAMIC PARTS

Amphenol Canada Ltd.
■ Centralab Canada Ltd.
Electrical Prods. Div., Minnesota Mining & Mfg. of Canada Ltd.
The Plessey Co. of Canada Ltd.
Smith & Stone Ltd.
S. Smith & Sons (Canada) Ltd.
Titania Electric Corp. of Canada

Advanced Vacuum Prods.
Birnbach Radio Co., Inc.
Geo. Bray & Co. Ltd.
The Carborundum Co., Globar Plant.
■ Centralab Div. Globe-Union Inc.
Compagnie Générale d'Electro-Ceramique.
Electro-Ceramics, Inc.
Electronic Mechanics, Inc.
Emerson & Cuming, Inc.
General Ceramics Corp.
Gulton Indus.
Heldor Mfg. Co., Inc.
Henry & Thomas Ltd.
Kearlott Co. Inc.
National Moldite Co.
Norton Behr-Manning Overseas,
Steatit-Magnesia A.G.
Steatite Insulations Ltd.
D. M. Steward Mfg. Co.

COIL DOPES

Halliday-Armstrong Ltd.
Columbia Technical Corp.
Badische Anilin & Soda Fabrik
Emerson & Cuming, Inc.
General Cement Mfg. Co.
Walsco Electronics Mfg. Co.

ENAMEL

Canadian Pittsburgh Industries.

Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Prods. Div.

Columbia Technical Corp.
Schenectady Varnish.
Waldom Electronics, Inc.

FIBRE & FIBRE PARTS

Amphenol Canada Ltd.
Continental Diamond Fibre of Canada Ltd.
National Fibre Co. of Canada Ltd.
Paisley Prods. of Canada Ltd.
Oki & Willadsen Ltd.
Spaulding Fibre of Canada Ltd.
Y. W. Small Parts Ltd.
Allied Plastics Supply Corp.
The Carborundum Co.
The Cleveland Container Co.
Flightex Fabrics, Inc.
General Cement Mfg. Co.
National Tel-Tronics Corp.
Permonite Mfg. Co.
The Staver Co., Inc.
Tufnol Ltd.
Veb Vulcan Fibre.

GLASS

Canadian Pittsburgh Industries Ltd.
Fiberglas Canada Ltd.
Fisher Scientific Co. Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Prods. Div.
Paisley Prods. of Canada Ltd.
■ Quality Hermetics Ltd.
Spaulding Fibre Co. of Canada Ltd.
Allied Plastics Supply Corp.
The Carborundum Co., Globar Plant.
Corning Glass Works
Emerson & Cuming, Inc.
The English Glass Co. Ltd.

GLASS FIBRE

Amphenol Canada Ltd.
Canadian Johns-Manville Co. Ltd.
Canadian Pittsburgh Industries Ltd.
Continental Diamond Fibre of Canada Ltd.
Fiberglas Canada Ltd.
Fleet Mfg. Ltd.
Paisley Prods. of Canada Ltd.
National Fibre Co. of Canada Ltd.
Oki & Willadsen Ltd.
Spaulding Co. of Canada Ltd.
Allied Plastics Supply Corp.
Alpha Wire Corp.
Chemo-Products Inc.
Columbia Tape Mills.
Electro Technical Prods.
Flightex Fabrics Inc.
Formica Co.
Harwin Engineers Ltd.
Hysol (Canada) Ltd.
Jenny Industries
Jones Stroud Co.
Molded Fiberglass Sheet Co.
Robins Industries Corp.
H. D. Symons & Co. Ltd.
Varflex Corp.

IMPREGNATING COMPOUNDS

■ Bakelite Co.
The Borden Chemical Co. Canada Ltd.
Halliday-Armstrong Ltd.
Hysol (Canada) Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Prods. Div.
Paisley Prods. of Canada Ltd.
The Plessey Co. of Canada Ltd.
Alpha Wire Corp.
Biwax Corp.
Churchill Chemical Corp.
Emerson & Cuming, Inc.
Schenectady Varnish.
Tufnol Ltd.
Zophar Mills, Inc.

LACQUER

Canadian Pittsburgh Industries.
General Cement Mfg. Co.
Hysol (Canada) Ltd.
Lake Chemical Co.
Waldom Electronics, Inc.

MICA

■ Canadian General Electric Co. Ltd.

Continental Diamond Fibre of Canada Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.
National Fibre Co. of Canada Ltd.

Allied Plastics Supply Corp.
H. Clarke & Co. (Manchester) Ltd.
East London Mica Works.
Electronic Mechanics Inc.
Richmond Mica Corp.

MICA PARTS

Continental Diamond Fibre of Canada Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.
National Fibre Co. of Canada Ltd.
Oki & Willadsen Ltd.
Osborne Electric Co. Ltd.
Paisley Prods. of Canada Ltd.
The Plessey Co. of Canada Ltd.

Allied Plastics Supply Corp.
Atlas E-E Corp.
H. Clarke & Co. (Manchester) Ltd.
East London Mica Works.
Electronic Mechanics, Inc.

NYLON

Amphenol Canada Ltd.
Continental Diamond Fibre of Canada Ltd.
National Fibre Co. of Canada Ltd.
Peckovers Ltd.
Spaulding Fibre Co. of Canada Ltd.
Allied Plastics Supply Corp.
Imperial Chemical Industries Ltd.
National Telotronics Corp.
Polypenco, Inc.
The Rex Corp.
W. S. Shamban & Co.

NYLON PARTS

Amphenol Canada Ltd.
The General Tire & Rubber Co.
Hathaway Kraemer Ltd.
National Fibre Co. of Canada Ltd.
Northern Nylon Molding Corp.
Oki & Willadsen Ltd.
Osborne Electric Co. Ltd.
Smith & Stone Ltd.
Spaulding Fibre of Canada Ltd.
Y. W. Small Parts Ltd.

Allied Plastics Supply Corp.
American Molded Prods.
Birnback Radio Co., Inc.
The Cleveland Container Co.
Cosmo Plastics Co.
Fastex Div. Illinois Tool Works.
General Cement Mfg. Co.
Gries Reproduction Corp.
National Telotronics Corp.
Nylon Molding Corp.
Peerless Prods. Industries.
Permonite Mfg. Co.
The Staver Co., Inc.
W. S. Shamban & Co.

PAPER

Continental Diamond Fibre of Canada Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.
National Fibre Co. of Canada Ltd.
Paisley Prods. of Canada Ltd.
Spaulding Fibre Co. of Canada Ltd.

Allied Plastics Supply Corp.
Case Bros.
Fiegholms A.B.
Papeteries Bolore.
Tufnol Ltd.

PAPER PARTS

Continental Diamond Fibre of Canada Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.
National Fibre Co. of Canada Ltd.
Oki & Willadsen Ltd.
Osborne Electric Co. Ltd.
Paisley Prods. of Canada Ltd.
Spaulding Fibre Co. of Canada Ltd.

Allied Plastics Supply Corp.

Case Bros.
The Cleveland Container Co.
Fiegholms A. B.
Papeteries Bolore.
The Staver Co., Inc.
Tufnol Ltd.

PLASTIC PARTS

1. Extruded 3. Laminated
2. Fabricated 4. Molded
Allied Circuit Techniques Ltd. 2.
Amphenol Canada Ltd. 1-2-4.
Canadian General Electric Co. Ltd. 1-2-3-4.
Continental Diamond Fibre Ltd. 3.
Cyanamid of Canada Ltd. 2-3.
Dial & Instrument Finishers Ltd. 2-3.
E. C. C. Canada Ltd. 1-2-3-4.
Electronic Craftsmen Ltd. 4.
Fleet Mfg. Ltd. 4.
The General Tire & Rubber Co. Ltd. 1-4.
B. F. Goodrich Canada Ltd. 1-4.
Hathaway Kraemer Ltd. 1-2-4.
Hellermann Canada Ltd. 1.
Hysol (Canada) Ltd. 4.
Lion Rubber & Plastics Ltd. 1.
Long Sault Woodcraft Ltd. 2-3-4.
Minnesota Mining & Mfg. of Canada Ltd. 1.
National Fibre Co. of Canada Ltd. 1-2-3.
Oki & Willadsen Ltd. 2-3.
Osborne Electric Co. Ltd. 4.
Paisley Prods. of Canada Ltd. 2-3.
Panelyte Div. - St. Regis Paper Co. (Can.) Ltd. 2-3-4.
Shakeproof/Fastex Div. 1-4.
Smith & Stone Ltd. 4.
Spaulding Fibre of Canada Ltd. 2-3-4.
United-Carr Fastener Co. of Canada 2-3-4.
X-Ray & Radium Industries Ltd. 2-3.
Y. W. Small Parts Ltd. 2.

Aerialite Ltd. 1-2-3-4.
Allied Plastics Supply Corp. 1-2-3-4.
Alpha Wire Corp. 1.
Amatom Electronic Hardware Co. Inc. 4.
Associated Engrg. Corp. 4.
Birnback Radio Co. Inc. 1.
Cinch Mfg. Co. 1-2-3-4.
H. Clarke & Co. (Manchester) Ltd. 2-3.
The Cleveland Container Co. 2-3-4.
Harry Davies Molding Co. 4.
Thomas De La Rue Ltd. 2-3-4.
Electronic Mechanics, Inc. 2-4.
Grayhill, Inc. 1-2-3-4.
Harwin Engineers Ltd. 3.
Hitemp Wires, Inc. 1.
Industrial Devices, Inc. 4.
Mayfair Molded Prods. Corp. 4.
National Moldite Co. 4.
National Telotronics Corp. 2-3.
Natvar Corp. 1.
The J. M. Ney Co. 4.
Peerless Prods. Industries. 2.
Permonite Mfg. Co. 1-2-3.
Polypenco, Inc. 1-2.
The Rex Corp. 1.
Rogan Bros. 4.
Roller Smith Instruments, Inc. 4.
W. S. Shamban & Co. 1-2-3-4.
Siemens Edison Swan Ltd. 1-2-3-4.
Slug Bit Supply Co. 4.
Sparta Mfg. Co. 1-2-4.
The Staver Co., Inc. 2-3-4.
Tercio Electronics, Inc. 4.
Tufnol Ltd. 2-3.
Ernest Turner Electrical Instruments. 4.
Ucinite Co. 1-2-3-4.
Weckesser Co. 1-2-4.

PLASTICS

1. Films 3. Sheets
2. Rods 4. Tubes
Aircraft Marine Prods. of Canada Ltd. 2.
Continental Diamond Fibre of Canada Ltd. 1-2-3-4.
Cyanamid of Canada Ltd. 2-3-4.
E.C.C. Canada Ltd. 2-3-4.
General Wire & Cable Co. Ltd. 2-4.
B. F. Goodrich Canada Ltd. 4.
Hathaway Kraemer Ltd. 2-3-4.
Hellerman, Canada, Ltd. 4.
Hysol Canada Ltd. 1-2-3-4.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Prods. Div. 1-3.
National Fibre Co. of Canada Ltd. 2-3-4.
Panelyte Div. St. Regis Paper Co. (Can.) Ltd. 2-3-4.
Peckovers Ltd. 2-3-4.

Spaulding Fibre of Canada Ltd. 2-3-4.

Allied Plastics Supply Corp. 1-2-3-4.

The Cleveland Container Co. 4.
Chicago Molded Prods. 1-2-3-4.
Electronic Mechanics, Inc. 2-3-4.
Emerson & Cuming, Inc. 2-3.
Fluorocarbon Prods. Inc. 1-2-3-4.
Havag Industries Int. 2-3-4.
Hitemp Wires, Inc. 4.
Illumitronic Engrg. 1-2-3-4.
Imperial Chemical Industries Ltd. 1-2-3.
Natvar Corp. 4.
Permonite Mfg. Co. 2-3-4.
Polypenco, Inc. 1-2-3-4.
Resin Industries Div., Borden Chemicals. 1-2-3-4.
The Rex Corp. 2-3-4.
W. S. Shamban & Co. 1-2-3-4.
Siemens Edison Swan Ltd. 1-2-3-4.
Sparta Mfg. Co. 1-2-3-4.
Tufnol, Ltd. 2-3.
Variflex Corp. 4.

RESINS

Bakelite Co.
The Borden Chemical Co.
Canada Ltd.
Canadian Pittsburgh Industries.
B. F. Goodrich Canada Ltd.
Hysol (Canada) Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.
Monsanto Canada Ltd.
Paisley Prods. of Canada Ltd.
Witco Chemicals Co., Canada Ltd.
Badische Anilin & Soda Fabrik Biwax Corp.
Emerson & Cuming, Inc.
I. C. I. Ltd. (Plastics Div.)
Polypenco, Inc.

RUBBER

Armet Industries Ltd.
Bakelite Co.
B. F. Goodrich Canada Ltd.
Lion Rubber & Plastics Ltd.
Badische Anilin & Soda Fabrik The Connecticut Hard Rubber Co.

RUBBER PARTS

Armet Industries Ltd.
Aviation Electric Ltd.
Campbell Manufacturing Co. Ltd.
The General Tire & Rubber Co. Ltd.
B. F. Goodrich Canada Ltd.
Lion Rubber & Plastics Ltd.
Amatom Electronic Hardware Co., Inc.
The Connecticut Hard Rubber Co.
General Electric Co. (Lamp, Wire & Phosphors).
The Staver Co., Inc.
Lord Mfg. Co.

SILICONE COMPOUNDS

Armet Industries, Ltd.
Bakelite Co.
Canadian General Electric Co. Ltd.
Dow Corning Silicones Ltd.
Lion Rubber & Plastics Ltd.
Sonneborn Ltd.
Alpha Wire Corp.
Electro Technical Prods.
Emerson & Cuming, Inc.

SILICONE RUBBER

Armet Industries, Ltd.
Bakelite Co.
Canadian General Electric Co. Ltd.
Continental Diamond Fibre of Canada Ltd.
Dow Corning Silicones Ltd.
Lion Rubber & Plastics Ltd.
Minnesota Mining & Mfg. of Canada Ltd.
Alpha Wire Corp.
Birnback Radio Co., Inc.
Chemo-Prod. Inc.
The Connecticut Hard Rubber Co.
Electro-Technical Prods.
Natvar Corp.
Silicone Seals Inc.
The Staver Co. Inc.
Variflex Corp.

SLEEVING

Armet Industries Ltd.

Canadian Ribbon Tape Ltd.
Hellerman Canada Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.

Allied Plastics Supply Corp.
Birnback Radio Co., Inc.
H. Clarke & Co. (Manchester) Ltd.
Fiberglass Canada Ltd.
Fluorocarbon Prods., Inc.
General Cement Mfg. Co.
Havag Industries Ltd.
Hitemp Wires, Inc.
Jenny Industries.
Jones Stroud Co.
Natvar Corp.
Permanoid Ltd.
Polypenco, Inc.
Resin Industries Div.
The Rex Corp.
Sparta Mfg. Co.
Sulflex Corp.
Variflex Corp.
W. S. Shamban & Co.
Thomas De La Rue Ltd.
Westline Prods. Div. of Western Lithograph Co.

TAPES

Armet Industries Ltd.
Bakelite Co.
Canadian Johns-Manville Co. Ltd.
Continental Diamond Fibre of Canada Ltd.
Crane Packing Co. Ltd.
B. F. Goodrich Canada Ltd.
The E. Harris Co. Ltd.
Hellerman Canada Ltd.
Lion Rubber & Plastics Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.
National Fibre Co. of Canada Ltd.
Peckovers Ltd.

Allied Plastics Supply Corp.
American Super-Temperature Wires Inc.
W. H. Brady Co.
Chemo-Prod., Inc.
Columbia Talc Mills.
The Connecticut Hard Rubber Co.
Fibre Mfg.
Hitachi Ltd.
Johnson & Johnson
Natvar Corp.
Plymouth Rubber.
Polypenco, Inc.
Reeves Soundcraft Corp.
Resin Industries Div.
W. S. Shamban & Co.
Sparta Mfg. Co.

VARNISH

Bakelite Co.
Canadian Pittsburgh Industries.
Canadian General Electric Co. Ltd.
Halliday Armstrong Ltd.
Minnesota Mining & Mfg. Co. of Canada Ltd., Electrical Products Div.
Sonneborn Ltd.

Allied Plastics Supply Corp.
John C. Dolph Co.
General Cement Mfg. Co.
Schenectady Varnish.

WASHERS

Armet Industries Ltd.
Aviation Electric Ltd.
Continental Diamond Fibre of Canada Ltd.
National Fibre Co. of Canada Ltd.
Oki & Willadsen Ltd.
Spaulding Fibre Co. of Canada Ltd.

Accurate Threaded Fastener, Inc.
Allied Plastics Supply Corp.
Amatom Electronic Hardware Co., Inc.
The Carborundum Co., Globar Plant.
Circon Component Co.
Cosmo Plastics Co.
General Cement Mfg. Co.
Grayhill, Inc.
Peerless Products Industries.
Polypenco, Inc.
H. P. Preis Engraving Machine Co.
W. S. Shamban & Co.
The Staver Co., Inc.

WAXES

Allied Plastics Supply Corp.
Dixon Corp.
Zophar Mills, Inc.

SERVICES

COMPUTING SERVICES

- A. Analog D. Digital**
Aviation Electric Ltd. A-D.
Canadaair Ltd. A-D.
Canadian Aviation Electronics Ltd. A.
Canadian Westinghouse Co. Ltd. Electronics Div. A-D.
Computing Devices of Canada Ltd. A-D.
E.M.I.-Cossor Electronics Ltd. A-D.
Electro Data Div., Burroughs Adding Machine of Canada Ltd. D.
Ferranti-Packard Electric Ltd. A-D.
International Business Machines Ltd. D.
KCS Ltd. D.
Lucas-Rotax Ltd.
Remington Rand Ltd. D.
Sharpe Instruments Ltd. A-D.

ENCAPSULATION SERVICES

- Allied Circuit Techniques Ltd.
Amphenol Canada Ltd.
Canadaair Ltd.
Electronic Craftsmen Ltd.
Hysol (Canada) Ltd.
Lucas-Rotax Ltd.
Muirhead Instruments Ltd.
Oki & Willadsen Ltd.
Osborne Electric Co. Ltd.
Standard Television Prod. Ltd.
United-Carr Fastener Co. of Canada Ltd.

FREQUENCY CALIBRATION SERVICES

- Aviation Electric Ltd.
Bayly Engrg. Ltd.
Canadaair Ltd.
Collins Radio Co. of Canada Ltd.
Electronic Service Supply Co.
ITT Electronics Service Co. of Canada Ltd.
C. R. Snelgrove Co., Ltd.
TMC (Canada) Ltd.

LABORATORIES, TESTING—Environmental

- Canadaair Ltd.
Canadian Applied Research Ltd.
Canadian Research Institute
Canadian Westinghouse Co. Ltd., Electronic Div.
Ferranti-Packard Electric Ltd.
The Garrett Mfg. Corp. of Canada Ltd.

- Lucas-Rotax Ltd.
- Standard Telephones & Cables Mfg. Co. (Canada) Ltd.
- Thermovolt Instruments Ltd.

LABORATORIES, TESTING—Other

- Aviation Electric Ltd.
Canadaair Ltd.
Canadian Curtiss-Wright Ltd.
Canadian Research Institute.
Canadian Westinghouse Co. Ltd., Electronic Div.
Edo (Canada) Ltd.
Electronic Components Ltd.
Ferranti-Packard Electric Ltd.
The Garrett Mfg. Corp. of Canada Ltd.
ITT Electronics Service Co. of Canada Ltd.
George Kell Ltd.
Lucas-Rotax Ltd.
Moloney Electric Co. of Canada Ltd.
Sinclair Radio Labs Ltd.
S. Smith & Sons (Canada) Ltd.
Stark Electronic Instruments Ltd.
Thermovolt Instruments Ltd.
F. V. Topping Electronics Ltd.

PACKAGING SERVICE—On Electronic Equipment

- Aviation Electric Ltd.
Barber-Colman of Canada Ltd.
Canadaair Ltd.
Canadian Research Institute
Electronic Materials Int'l. Ltd.
Ferranti-Packard Electric Ltd.
International Business Machines Co. Ltd.
Polytronics Co.
Servomechanisms Canada Ltd.
Stark Electronic Instruments Ltd.
United-Carr Fastener Co. of Canada Ltd.

SEALING SERVICE—Hermetic

- Allied Circuit Techniques Ltd.
Aviation Electric Ltd.
Canadaair Ltd.
Ferranti-Packard Electric Ltd.
Quality Hermetics Ltd.
Servomechanisms (Canada) Ltd.
C. R. Snelgrove Co. Ltd.

SILK SCREEN PROCESSING

- Allied Circuit Techniques Ltd.
Continental-Diamond Fibre Ltd.
Dial & Instrument Finishers Ltd.
Ferranti-Packard Electric Ltd.
The E. Harris Co., Ltd.
Hathaway Kraemer Ltd.
Measurement Engrg. Ltd.
Oki & Willadsen Ltd.

- Polytronics Co.
Precision Dials Ltd.
Servomechanisms (Canada) Ltd.
Spaulding Fibre of Canada Ltd.
United-Carr Fastener Co. of Canada Ltd.
Mrs. B. Whitaker
X-Ray & Radium Industries Ltd.

TECHNICAL WRITING, CATALOGUING & ILLUSTRATING—Electronic

- Aero Auto Engrg. of Canada Ltd.
Aviation Electric Ltd.
Canadaair Ltd.
Canadian Applied Research Ltd.
Canadian Renner Consultants Ltd.
Canadian Research Inst.
Computing Devices of Canada Ltd.
Cushing & Nevell Ltd.
Domac Technical Sales Ltd.
E.M.I.-Cossor Electronics Ltd.
Electronic Assoc. Ltd., Technical Publications Div.
Electronic Materials International Ltd.
The Garrett Mfg. Corp. of Canada Ltd.
ITT Electronics Service Co. of Canada Ltd.
Philco Corp. of Canada Ltd.
T.M.C. (Canada) Ltd.
Northern Radio Mfg. Co., Ltd.

TOWER SERVICE—Installers, Erectors & Maintainers

- Canadian General Electric Co. Ltd., Electronic Equipment and Tube Dept.
Fleet Mfg. Ltd.
ITT Electronics Service Co. of Canada Ltd.
Lenkurt Electric Co. of Canada Ltd.
Par-Tex Engrg. & Contracting Co. Ltd.
Philco Corp.
T.M.C. (Canada) Ltd.
Walcan Ltd.
The Wind Turbine Co. of Canada Ltd.

TREATING—Fungus & Moisture Proofing

- Canadaair Ltd.
Oki & Willadsen Ltd.
Standard Television Prods., Ltd.
The Plessey Co. of Canada Ltd.

WIRE MARKING SERVICE

- Electrovert Ltd.
Hellerman Canada Ltd.

ASSOCIATIONS & PROFESSIONAL SOCIETIES

American Inst. of Electrical Engineers, 33 W. 39th St., New York, N.Y. District 10 (Canada) Chairman, Prof. G. F. Tracy, University of Toronto, Electrical Engrg. Dept., Toronto, Ont. WA 3-6611.
Canadian Astronautical Soc., Downsview, Ont. Sec.: A. E. Maine.
Canadian Electrical Manufacturers Assoc., 126 Davenport Rd., Toronto, Ont. WA 3-1139. Gen. Mgr.: B. Napier Simpson.
Canadian Electronic Sales Representatives, Chairman, National Directorate: E. G. Hill, 169 Bartley Dr., Toronto 16, Ont. PL 7-3040.
Canadian Electronic Wholesalers' Assoc., 25 Taylor Dr., Toronto 6, Ont. OX 1-5304. Sec.: John T. Rochford.

The Canadian Manufacturers' Assoc., 67 Yonge St., Toronto, Ont. EM 3-7261. Gen. Mgr.: J. C. Whitelaw, Q.C.

Canadian Standards Assoc., 235 Montreal Rd., Ottawa 2, Ontario. SH 9-5971. Testing Labs: 2 Park St., London W.1, England; 515 De Montigny St. E., Room 214, Montreal 24, Que.; P.O. Box 506, Weston, Toronto 15, Ont.; Fetherstonhaugh Bldg., University of Manitoba, Winnipeg, Man.; 402 West Pender St., Suite 701, Vancouver 3, B.C.

Dominion High Fidelity Assoc., 25 Taylor Dr., Toronto 6, Ont. OX 1-5304. Exec. Sec.: John T. Rochford.

Electronic Industries Association of Canada, 200 St. Clair Ave. W., Toronto, Ont. WA 1-2898. Gen. Mgr. & Sec.: F. W. Radcliffe.

Engineering Institute of Canada, 2050 Mansfield St., Montreal 2, Que. Gen. Sec.: Dr. Garnet T. Page. VI 2-5078.

Inst. of Radio Engineers, Inc., 1 East 79th St., New York 21, N.Y. Exec. Sec.: George W. Bailey.

IRE Canadian Convention and Exposition, 1819 Yonge St., Toronto 7, Ont. HU 8-7168. Convention Mgr.: G. Smedmor.

Society of Technical Writers & Editors, Pres.: I. H. Jenks, Div. of Publications & Documents, Aluminum Labs. Ltd., Princess St. N., P.O. Box 84, Kingston, Ont. LI 8-3371.

Section 2 Canadian Manufacturers

Names, addresses and telephone numbers are given in this section for all Canadian manufacturers whose names appear in Section 1—Products and Services.

Details of sales representatives in other parts of Canada, if any, appear immediately below the manufacturer's listing.

A

A M F Atomics (Canada) Ltd., Cobourg Rd., Port Hope, Ont. TU 5-4537 and 25 King St. W., Toronto, Ont. EM 6-1314.

Acme Electric Corp. Ltd., 50 Northline Rd., Toronto 16, Ont. PL 5-1891.

Adams Engrg. Ltd., 1500 St. Catherine St. W., Montreal 16, Que. WE 3-6857; Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231.

Aero Gasket Industries Ltd., 27 Wellington St. E., Toronto, Ont. EM 6-8061-2.

Addison Industries Ltd., 9 Hanna Ave., Toronto, Ont. EM 3-6692. Branches in principal cities across Canada.

Aero Auto Engrg. of Canada Ltd., 430 King St. W., Toronto 2B, Ont. EM 4-1407; 55 Metcalfe St., Ottawa, Ont. CE 4-8641; 5757 Decelles Ave., Suite 314, Montreal, Que.

Aerovox Canada Ltd., 1551 Barton St. E., Hamilton, Ont. LI 5-1186. M. J. Howard & Co. Ltd., 1206 Bank St., Ottawa. CE 5-9931; McIntyre Agencies, 7365 Mountain Sights, Montreal, Que. RE 7-7672; Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231.

Air Reduction (Canada) Ltd., 905 Hodge St., Ville St. Laurent, Que. RI 4-4961 and 180 Duke St., Toronto, Ont. EM 6-7911. Dealers in principal cities across Canada.

Aircraft Appliances & Equipment Ltd., 565 Dixon Side Rd., P.O. Box 177, Weston, Ont. CH 4-5506.

Aircraft Marine Prods. of Canada Ltd., 194 Wilson Ave., Toronto 12, Ont. HU 1-5204.

Airtron Canada Ltd., 349 Carlaw Ave., Toronto 8, Ont. HO 1-3511; c/o Renfrew Electric Co. Ltd., 5890 Monkland Ave., Montreal, Que. HU 8-0806 and 492 Somerset St. W., Ottawa, Ont. CE 6-9703.

Radiovision Sales Ltd., 325 10th Ave. W., Calgary, Alta. 2-3294.

Allanson Armature Mfg. Co. Ltd., 33 Cranfield Rd., Toronto, Ont. PL 5-1191.

Allen-Bradley Canada Ltd., 135 Dundas St., Galt, Ont. 4660.

Alliance Div., General Steel Wares Ltd., 76 Miranda Ave., Toronto 10, Ont. RU 7-2482; GSW-8276 Shaughnessy St., Vancouver, B.C., FA 1-3291; 1745 Sargent Ave., Winnipeg, Man. SP 5-8471; 2355 Delisle St., Montreal, Que. WE 2-6181.

Allied Circuit Techniques Ltd., 1 Robinson St., Oakville, Ont. VI 4-9411.

John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.

Aluminum Co. of Canada Ltd., 1700 Sun Life Bldg., Montreal, Que. UN 6-7511, mailing address: P.O. Box 6090, Montreal 3, Que. (Branches and distributors in principal cities across Canada).

Amalgamated Electric Corp. Ltd., 384 Pape Ave., Toronto, Ont. HO 6-2151. Branches in principal cities across Canada.

Amcan Electrical Harness Ltd., 126 Atlantic Ave., Toronto 3, Ont. LE 2-9002.

Amphenol Canada Ltd., 349 Carlaw Ave., Toronto 8, Ont. HO 1-3511; c/o Renfrew Electric Co. Ltd., 5890 Monkland Ave., Montreal, Que. HU 8-0806 and 492 Somerset St. W., Ottawa, Ont. CE 6-9703. Radiovision Sales Ltd., 325-10th Ave. W., Calgary, Alta. 2-3294.

Amplifone Canada Ltd., 11 Water St., Belleville, Ontario.

Andrew Antenna Corp. Ltd., 606 Beech St., Whitby, Ont. MO 8-3348, and Toronto EM 4-1972.

Anso Canada Ltd., 1450 Queensway, Toronto 18, Ont. CL 5-0141.

Antiference Canada Ltd., 169 Bartley Dr., Toronto 16, Ont. PL 7-3040.

Armco—see R. Mack & Co. Ltd.
Armet Industries Ltd., 41 Crockford Blvd., Scarborough, Ont. HU 8-5977.

Arrow-Hart & Hegeman (Canada) Ltd., Industry St., Mt. Dennis, Toronto 15, Ont. RO 2-1101.

Cochrane Stephenson (Western) Ltd., 103 Princess St., Galt Bldg., Winnipeg, Man.; 10330 - 104th St., 25 Millar Bldg., Edmonton, Alta.; 617 - 10th Ave., Calgary, Alta.; 1324 Franklin St., Vancouver, B.C.

Arrow Radio Co., 1829 Davenport Rd., Toronto 4, Ont. RO 6-1421.

Douglas Randall (Canada) Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291.

Ashman Electronics Ltd., Greensville, Ont. MA 7-7611.

Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 9-1854.

Associated Electronic Components, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.

Atlas Polar Co. Ltd., 60 Northline Rd., P.O. Box 160, Toronto 16, Ont. PL 7-3641.

Atomic Energy of Canada Ltd., Commercial Products Div., Tunney's Pasture, P.O. Box 93, Ottawa, Ont. PA 8-1841.

Audio Transformer Co. Ltd., 202 Regina St. N., Waterloo, Ont. (P.O. Box 579) SH 3-4351.

Audio Vox Intercom, Inc., 4510 De La Roche, Montreal 34, Que.

Automatic Alarms & Signals Ltd., 87A Awde St., Toronto, Ont. LE 3-8263.

Automatic Coll Mfg. Ltd., 50 Wingold Ave., Toronto 10, Ont. RU 1-6174.

Mr. J. Bass, Rm. 106, 525 Seymour St., Vancouver 2, B.C. MU 3-5848. (Alta. & B.C.) Mr. R. Henderson, 72 Princess St., Winnipeg, Man. WH 3-8707. (Man. & Sask.) Mr. D. McCormick, 875 - 54th Ave., Lachine, Que. ME 7-2306. (Que. & E. Ont.)

Automatic Controls (Canada) Ltd., 17 Advance Rd., Toronto, Ont.

Automatic Electric (Canada) Ltd., 100 Strower Blvd., Brockville, Ont.

Automatic Electric Sales (Canada) Ltd., 185 Bartley Dr., Toronto 16, Ont. PL 7-2861; 292 Decarie Blvd., Ville St. Laurent, Montreal 9, Que. RI 4-5851; 723 Ottawa Electric Bldg., 56 Sparks St., Ottawa 4, Ont. CE 2-6740; 113 Phoenix Bldg., 388 Donald St., Winnipeg 2, Man. WH 3-9081 and 3-4637; Exner Bldg., 1840 McIntyre St., Regina, Sask. LA 3-9529; 10022-103rd St., Edmonton, Alta. GA 2-8764 and GA 4-5540; 132 West 2nd Ave., Vancouver, B.C. TR 4-8181.

Automatic Radio Co., 56 Esplanade St. E., Toronto, Ont. EM 8-8328. William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-9201 (Que. & East).

Automatic Telephone & Sound Services Ltd., 777 Osborne Ave., Verdun, Que. PO 8-8161.

Autotronics Control, R. R. #3, Kitchener, Ont. SH 2-9784.

Avery Adhesive Label Corp. (Canada) Ltd., 48 Haas Rd., Rexdale, Ont. CH 4-1194; Sales offices in Montreal, Winnipeg & Vancouver.

Aviation Electric Ltd., 200 Laurentien Blvd., Montreal 9, Que. RI 4-2811 and Aviation Electric Pacific Ltd., Vancouver Airport, Vancouver, B.C. CR 8-2184.

B

Bach Simpson Ltd., 1255 Brydges St., London, Ont. GL 1-9490 and 109 Eglinton Ave. E., Toronto, Ont. HU 3-2585.

Bailey Meter Co. Ltd., 1980 Claremont Ave., Montreal 6, Que. HU 9-3881; P.O. Box 1507, Halifax, N.S. HA 3-8964; Carlingwood Plaza, 2117 Carling Ave., Ottawa, Ont. PA 2-1373; 170 Donway West, Don Mills, Ont.; 1106 Childs Bldg., 211 Portage Ave., Winnipeg 2, Man. WH 2-2829; 346-23rd Ave. South West, Calgary, Alta. AM 9-2963; 1645 West 5th Ave., Vancouver 9, B.C. BA 3709.

Bakelite Co., Division of Union Carbide Canada Ltd., 40 St. Clair Ave. E., Toronto, Ont. WA 5-3227 and 1425 Mountain St., Montreal, Que. VI 5-3145.

Ralfour-Guthrie Canada Ltd., 744 W. Hastings St., Vancouver 1, B.C.

Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231.

Barber-Colman of Canada Ltd., Wheelock Instruments Div., 6 Leswyn Rd., Toronto 19, Ont. RU 7-1191 and 300 Decarie Blvd., Montreal 9, Que. RI 4-1402.

Instrument Service Labs. Ltd., 29 West Broadway, Vancouver 10, B.C.

Barvic Engrg. Ltd., 909 Beach Ave., Vancouver, B.C.

MacIvor Electronics Ltd., 248 Main St., Winnipeg 1, Man. WH 2-3026.

Bayly Engrg. Ltd., Hunt St., Ajax, Ont. Toronto EM 2-3741, and Ajax Sparks St., Ottawa, Ont. CE 2-9821.

Beaconing Optical & Precision Materials Co. Ltd., 455 Craig St. W., Montreal, Que. UN 6-8395.

Plant: 555 Blvd. Boivin, Granby, Que. FR 8-4114 and Montreal UN 1-3714.

Beama Engrg. Ltd., 76 Densley Ave., Toronto 15, Ont. CH 4-5349.

Beatty Bros. Ltd., Hill St., Fergus, Ont.; Haymarket Sq., Saint John, N.B.; 310 Cremazie Blvd., Montreal, Que.; 204 Princess St., Winnipeg, Man.; 10265 107th St., Edmonton, Alta.; 302 - 12th St., New Westminster, B.C.

Benco Television Associates Ltd., 27 Taber Rd., Rexdale, Ont. CH 4-4296.

Harold Sharkey, 4252 Braille Ave., Montreal, Que. RE 3-0749 (East). Les Farey, 337 Barmond Ave., Richmond, B.C. (B.C. & Alta.).

Bepeco Canada Ltd., 4018 St. Catherine St. W., Montreal 6, Que. WE 7-9211. Br.: 265 Rue de la Couronne, Quebec 2, Que. LA 3-4058; 1355 Wellington St., Ottawa, Ont. PA 8-5200; 33 Niagara St., Toronto 2B, Ont. EM 3-3273; 428 Main St. W., Hamilton, Ont. JA 9-2027; 428 Portage Ave., Winnipeg, Man. WH 2-8557; 215 - 10th Ave. S.W., Calgary, Alta. AM 6-8881; No. 675 Davis St., Vancouver 2, B.C. MU 3-8228.

Bishop Sons & Co. Ltd., 588 Eastern Ave., Toronto 8, Ont. HO 3-1213.

Bogue Electric of Canada Ltd., River Rd., Ottawa, Ont.

Bohne Industries Ltd., 1153 Queen St. W., Toronto 3, Ont. LE 2-4418.

The Borden Chemical Co. (Canada) Ltd., P.O. Box 610, Coronation Rd., West Hill, Ont. AT 2-5711.

Boston Insulated Wire & Cable Co. Ltd., 118 Shaw St., Hamilton, Ont. JA 9-7151.

The Bristol Co. of Canada Ltd., 71-79 Duchess St., Toronto 2, Ont. EM 3-3421; 1529 Drummond St., Montreal, Que. AV 8-5141; 384 Emerald St. N., Hamilton, Ont. JA 2-0335; 324-10th St. N.W., Calgary, Alta. CH 3-7603; 736 Granville St., Vancouver, B.C. MU 4-3941.

Brown & Boggs Foundry & Machine Co. Ltd., 275 Sherman St. N., Hamilton, Ont. LI 9-6594.

Hope Machinery Co. Ltd., 200 Dalhousie St., Toronto 2, Ont. EM 8-8579.

Brown Boveri (Canada) Ltd., 1015 Beaver Hall Hill, Montreal, Que. UN 6-4961.

Burgess Battery Co., Div. of Serval (Canada) Ltd., 415 Buttery St., Niagara Falls, Ont. EL 4-1671.

Burdy Canada Ltd., 1530 Birchmount Rd., Scarborough, Ont. PL 7-8761 and 1434 St. Catherine St. W., Montreal, Que. UN 6-6616; 1137 Bowness Rd., Calgary, Alta. AT 3-2648; 1642 West 4th Ave., Vancouver, B.C. RE 1-5871.

Norman L. Haney Agency Ltd., 875 Wall St., Winnipeg, Man. SP 2-1219.

C

Cambridge Thermionic of Canada Ltd., 2425 Grand Blvd., Montreal 28, Que. HU 8-8321.

Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.

Campbell Mfg. Co. Ltd., 45 Sheppard Ave. E., Willowdale, Ont. BA 1-3415.

Canada Cabinets & Furniture Co. Ltd., Kitchener, Ont.

H. Roy Gray Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

Canada Decalcomania Co. Ltd., 507 - 511 King St. E., Toronto 2, Ont. EM 8-1751. Branches in principal cities across Canada.

The Canada Metal Co. Ltd., 721 Eastern Ave., Toronto 8, Ont. HO 5-4684; 6265 Notre Dame St. E., Montreal, Que. CL 5-3653; 1255 St. James St., Winnipeg, Man. SP 4-7455; 1428 Granville St., Vancouver, B.C. Marine 1367.

Canada Wire & Cable Co. Ltd., Postal Stn. 'R', Toronto 17, Ont. HU 5-8681. Branches in principal cities across Canada. Affiliated company: Telecables & Wires Ltd.

Distributor: Tensolite Insulated Wire Co., Inc., Tarrytown, N.Y.

Canadair Ltd., P.O. Box 6087, Montreal, Que. RI 4-1511.

Canadian Admiral Corp. Ltd., 501 Lakeshore Rd., Port Credit, Ont. CR 8-5561. Branches in principal cities across Canada.

Canadian Applied Research Ltd., 750 Lawrence Ave. W., Toronto 19, Ont. RU 1-1571; 1500 O'Connor Dr., Toronto 16, Ont. PL 9-2241; Roxborough Bldg., Laurier Ave. W., Ottawa, Ont. CE 6-3931.

Canadian Astatite Ltd., 2271 Danforth Ave., Toronto 13, Ont. OX 9-1127.

McIntyre Agencies, 7365 Mountain Sights, Montreal, Que. RE 7-7672; Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231; John R. Tilton Ltd., 51 McCormack St., Toronto, Ont. RO 9-1129 and 4927 Jean Brillant Ave., Montreal, Que. RE 1-0725; W. E. Quinlan & Warrington Dr., Scarboro, Ont. HI 4-4835.

Canadian Atlas Transformer Co., 17 Carlaw Ave., Toronto, Ont. HO 1-5513.

Canadian Aviation Electronics Ltd., P.O. Box 915, Station 'O', Montreal 9, Que. ME 1-6781; 6214 Cote de Liesse, St. Laurent, Que.; 387 Sutherland Ave., Winnipeg, Man.; 8265 Fraser St., Vancouver, B.C.

Canadian Charts & Supplies Ltd., North Dr., P.O. Box 10, Oakville, Ont.

Canadian Chromalox Co. Ltd., 210 Rexdale Blvd., Rexdale P.O., Ont. CH 1-8624.

E. W. Playford Ltd., P.O. Box E, 5851 Upper Lachine Rd., Montreal, Que. HU 9-5383; F. D. Bolton Ltd., 926 East Hastings St., Vancouver, B.C. MU 3-5658; 401 Avenue Bldg., Winnipeg, Man.; 10310-104th St., Edmonton, Alta.

Canadian Cinch Anchoring Systems Ltd., 2095 Madison Ave., Montreal 28, Que.

Irving Smith Ltd., 2095 Madison Ave., Montreal 28, Que. HU 4-1153.

Canadian Controllers Ltd., 1550 Birchmount Rd., Scarborough, Ont. PL 7-5111.

Railway Power & Engrg. Corp. Ltd., 3745 St. James St. W., Montreal. Branches in principal cities across Canada.

Canadian Curtiss-Wright Ltd., 1980 Sherbrooke St. W., Montreal, Que. WE 7-6117 and Davis Rd., Oakville, Ont. VI 5-2828.

Canadian Cutler-Hammer Ltd., 384 Pape Ave., Toronto, Ont. HO 6-2151.

Canadian Electric Resistors Ltd., 18 Curley Ave., Toronto 16, Ont. PL 5-1891.

Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231.

The Canadian Fairbanks-Morse Co. Ltd., 980 St. Antoine St., Montreal, Que. UN 6-1451. Branches in principal cities across Canada.

Canadian General Electric Co. Ltd., Head Office, 214 King St. W., Toronto, Ont. EM 6-7311. Branches: 3030 East Broadway, Vancouver, B.C. HA 7700; 3603-8th St. S.E., Calgary, Alta. CH 3-2781; 945 St. James St., Winnipeg, Man. SP 4-3581; 5000 Nanum, Montreal, Que. RE 3-9911; 131 Howe Ave., Halifax, N.S. 5-0551.

Canadian General Electric Co. Ltd., Electronic Equipment and Tube Dept., 830 Lansdowne Ave., Toronto 4, Ont. LE 4-6511. See above for branch offices.

Canadian General Electric Co. Ltd., Electronic Tube Section (Radio Valve Co. Ltd.), 189 Dufferin St., Toronto 3, Ont. LE 4-6311.

Canadian General Electric Co. Ltd., Lamp Dept., 221 Dufferin St., Toronto, Ont. LE 2-4421. Sales: 1350 Castlefield Ave., Toronto 19, Ont. RU 1-1511.

Canadian Industries Ltd., P.O. Box 10, Montreal, Que. UN 1-2571.

Canadian Johns-Manville Co. Ltd., 565 Lakeshore Rd. E., Port Credit, Ont. CR 8-7211. Br.: 5221, Montreal, Winnipeg, Vancouver.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756. (Ont. & West).

Canadian Line Materials Ltd., 3595 St. Clair Ave. E., Toronto 13, Ont. AM 1-711 and OX 9-2337. Branches and agents across Canada.

Canadian Liquid Air Co. Ltd., 1111 Beaver Hall Hill, Montreal, Que. UN 6-4781. Branches in principal cities across Canada.

Canadian Lister Blackstone Ltd., 1921 Eglinton Ave. E., Toronto 13, Ont. PL 5-5255.

Canadian Marconi Co., 2442 Trenton Ave., Montreal 16, Que. RE 8-9441; 572 Barrington St., Halifax, N.S. 3-1325; 830 Bayview Ave., Toronto 17, Ont. HU 1-5221; 1710 3rd St. N.E., Calgary, Alta. CR 7-7571; 3594 Main St., Vancouver, B.C. TR 6-4174.

Canadian Marconi Co., Broadcast & TV Div., 2442 Trenton Ave., Montreal 16, Que. RE 8-9441.

Canadian Marconi Co., Commercial Prods. Div., 2442 Trenton Ave., Montreal 16, Que. RE 8-9441.

Canadian Marconi Co., Electronic Tube & Components Div., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221.

Canadian Marconi Co., Radio Relay Dept., 970 McEachern Ave., Outremont 8, Que. CR 6-3627.

Canadian Marconi Co., Special Services Div., 6035 Cote de Liesse Rd., Montreal 9, Que. RI 8-7711.

Canadian Motorola Electronics Ltd., 105 Bartley Dr., Toronto 16, Ont. PL 9-2222; 7365 Mountain Sights Ave., Montreal, Que. RE 9-7991; 54 Adelaide St., Winnipeg, Man. WH 3-3617.

Pacific Communications Service Ltd., 1181 Marine Dr., N. Vancouver, B.C. MU 1-3131 (B.C.); Canadian Electronics Ltd., 107th Ave.-109th St., Edmonton 1, Alta. 4-6451 (Alta.).

Canadian Pittsburgh Industries Ltd., 48 St. Clair Ave. W., Toronto, Ont. WA 4-8701. Branches in principal cities across Canada.

Canadian Poregas Equipment Ltd., 156 Front St. W., Toronto, Ont.

Hackbusch Electronics Ltd., 23 Princess Ave., Toronto 4, Ont. LE 1-2453.

Canadian Renner Consultants Ltd., 1239 Greene Ave., Westmount, Montreal 6, Que. WE 7-2897-8.

Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.

Canadian Resins & Chemicals Ltd., 600 Dorchester St. W., Montreal 2, Que. UN 6-5641; and 20 Eglinton Ave. E., Toronto 12, Ont. HU 1-6121.

Canadian Ribbon Tape Co. Ltd., 102 Eglinton Ave. E., Toronto, Ont. HU 3-3292.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216 and 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Canadian Sone Co., 46 St. George St., Toronto 5, Ont. WA 2-6484.

Canadian Stackpole Ltd., 550 Evans Ave., Toronto 14, Ont. CL 5-2373.

Canadian Westinghouse Co. Ltd., Head Office, 286 Sanford Ave. N., Hamilton, Ont. JA 8-8881. Branches in principal cities across Canada. Carriere & McPeeters Ltd., 936 Warden Ave., Scarborough, Ont. PL 7-5103 and 261 Brittany Dr., Ottawa, Ont. SH 6-6318. (Aircraft prods.).

Canadian Westinghouse Co. Ltd., Electronics Div., P.O. Box 510, Hamilton, Ont. JA 8-8811.

Automatic Telephone & Sound Services Ltd., 777 Osborne Ave., Verdun, Que. PO 8-8161.

Canadian Westinghouse Co. Ltd., Lamp Div., 3350 Blt. Royale, P.O. Box 1057, Three Rivers, Que. FR 4-6271-72-73. Also at Longueuil, Que.; Islington, Ont.; Winnipeg, Man.; Edmonton, Alta.; Vancouver, B.C.

Canadian Westinghouse Co. Ltd., Tube Div., Longwood Rd. S., P.O. Box 510, Hamilton, Ont. JA 8-8811.

Cannon Electric Canada Ltd., 160 Bartley Dr., Toronto 16, Ont. PL 7-2845 and Montreal Airport, Dorval, Que. ME 1-3626.

M. J. Howard & Co. Ltd., 1206 Bank St., Ottawa, Ont. CE 5-9931.

Capacitors of Canada Ltd., 38 Upton Rd., Scarborough, Ont. PL 5-2218.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691 (Ont.); The Sound Studios, 11767 Pelletier, Montreal, Que. DA 2-4756 (Que.).

Carriere & McPeeters Ltd., 936 Warden Ave., Scarborough, Ont. PL 7-5103 and 261 Brittany Dr., Ottawa, Ont.

Centralab Canada Ltd., 669 Bayview Ave., Toronto 17, Ont. HU 1-2291.

F. J. Heenan, 669 Bayview Ave., Toronto 17, Ont. HU 1-2291; D. Eldon McLennan, 1624 W. 3rd Ave., Vancouver 9, B.C. BA 2898.

Central Bridge Co. Ltd., Trenton, Ont.

Central Scientific Co. of Canada Ltd., 146 Kendal Ave., Toronto, Ont. WA 3-2421. Branches: Montreal, Ottawa, Vancouver.

C. P. Clare Canada Ltd., 2700 Jane St., P.O. Box 73, Weston, Ont. ME 3-6793.

"Colben" Mfr. Co. Ltd., 5 Thorpe St. N., Dundas, Ont. MA 8-6913.

Collins Radio Co. of Canada Ltd., 11 Bermondsey Rd., Toronto 16, Ont. PL 7-1101 and 77 Metcalfe St., Ottawa, Ont. CE 3-6211.

Computing Devices of Canada Ltd., P.O. Box 508, Ottawa, Ont. TA 8-2711; 164 Eglinton Ave. E., Toronto, Ont. HU 8-2452; 223A-10th St. N.W., Calgary, Alta. AT 3-2860.

Consolidated Diesel Electric Corp. of Canada Ltd., 23 Racine Rd., Rexdale, Ont. CH 1-3561. Affiliated with Consolidated Diesel Electric Corp., Consolidated Controls Corp., Consolidated Avionics Corp., The Lima Electric Motor Co., Inc., and Hammond Valve Corp.

Consolidated Electronic Equipment Co. Ltd., 94 Sheppard Ave. W., Willowdale, Ont. BA 5-6921.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

The Consolidated Mining & Smelting Co. of Canada Ltd., 215 St. James St. W., Montreal 1, Que. AV 8-3103 and 160 Bloor St. E., Toronto 5, Ont. WA 5-6319.

The Constanta Co. of Canada Ltd., 280 Regina Ave., Montreal, Que. John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.

Continental-Diamond Fibre of Canada Ltd., 46 Hollinger Rd., Toronto 16, Ont. PL 5-5211 and 1500 St. Catherine St. W., Montreal 25, Que. WE 7-6319.

Filer Smith Machinery Co., 503 Confederation Life Bldg., Winnipeg, Man.; Mr. D. Peter Abbott, 1161 Melville St., Vancouver 5, B.C. MU 2-1307.

Controls Co. of America (Canada) Ltd., 257 Dundas Ave., Cooksville, Ont. AT 9-1491.

Cook Records Canada, 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

B. D. Coyne, 430 Molson Ave., St. Genevieve de Pierrefonds, R.R. 2, Box 21, Que. NA 6-5412.

Cords (Canada) Ltd., 149 Sterling Rd., Toronto 3, Ont. LE 7-1221.

Cosa Corp. of Canada Ltd., 1160 Lakeshore Rd., Toronto 14, Ont. CL 5-1135. Branches in Montreal AV 8-2312 and Ottawa CE 4-5838.

Crane Packing Co. Ltd., 617 Parkdale Ave. N., Hamilton, Ont. LI 4-3358; 751 Victoria Sq., Montreal, Que. AV 8-9904; 11864-58th St., Edmonton, Alta. 794117; 627 E. 4th St., Vancouver, B.C. YU 8-7335.

Croname (Canada) Ltd., 50 Taylor St., Waterloo, Que. 245. C. A. Ball Associates, 106 Adelaide St. W., Toronto, Ont. EM 4-1633 (Ont.).

Croven Ltd., Box 1420, 628 Kent St., Whitby, Ont. MO 8-3325 and Toronto EM 6-6012.

Ben Manis Associates Reg'd, 5317 Prince of Wales Ave., Montreal 29, Que. Pacific Electronics, 1641 West 2nd Ave., Vancouver, B.C.

Cushing & Nevell Ltd., 181 Eglinton Ave. E., Toronto 12, Ont. HU 7-2866 and 237 Queen St., Ottawa 4, Ont. CE 2-5252.

Cynamid of Canada Ltd., Laminated Prods. Dept., 5550 Royalmount Ave., Montreal, Que. RI 4-2881; 160 Bloor St. E., Toronto, Ont. WA 4-9741; 1416 Erie St., Winnipeg, Man.

D

Daly Capacitors Ltd., 140 Kendal Ave., Toronto 4, Ont. WA 4-1690.

Dalyn Industries, 353 St. Nicholas St., Montreal 1, Que. AV 8-5225. E. S. Gould Sales Co., 353 St. Nicholas St., Montreal 1, Que. AV 8-5225.

J. H. Darcy Ltd., 51 Abbott St. N., Smiths Falls, Ont. 228 and 2215; Bensonsfield Ave., Montreal, Que. HU 9-5731.

Canadian Line Materials Ltd., 3595 St. Clair Ave. E., Toronto 13, Ont. AM 1-7111 and OX 9-2337.

Davis Automatic Controls Ltd., 4251 Dundas St. W., Toronto 18, Ont. BE 3-3211; 5727 Monkland Ave., Montreal, Que. HU 1-0259; 89 Cannon St. W., Hamilton, Ont. JA 8-6141; 691 Wellington Ave., Winnipeg, Man. SP 4-9880; 1332 Powell St., Vancouver, B.C. HA 7230.

Daystrom Ltd., 840 Caledonia Rd., Toronto, Ont. RU 7-1114 and 5430 Ferrier St., Montreal, Que. RI 8-8471. Affiliated with Daystrom, Inc. (Heath Co., Weston Instruments, and others).

Industrom Corp., 297 Carlton St., Toronto 2, Ont. WA 1-2032 (Industrial gauges).

Decca Radar (Canada) Ltd., 23 Six Points Rd., Toronto 18, Ont. BE 2-1161.

Delhi Metal Prods. Ltd., Waverly St., Delhi, Ont.

Dial & Instrument Finishers Ltd., 261 Davenport Rd., Toronto, Ont.

WA 3-0908, and 2800 Bates Rd., Montreal, Que. RE 9-2408.

Diamond Specialty Ltd., Windsor, Ont.

F. S. B. Heward & Co. Ltd., 661 Birks Bldg., 620 Cathcart St., Montreal 2, Que. UN 6-6781; Rm. 201, 1835 Yonge St., Toronto 12, Ont. HU 5-8403; Rm. 619, 837 W. Hastings St., Vancouver 1, B.C. MU 1-7044.

Dollard Recording Ltd., 201-138 Portage Ave., Winnipeg 1, Man.

R. C. Kahnet Sales Co. Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

Dominion Aluminum Fabricating Ltd., 10 Jutland Rd., Toronto 18, Ont. CL 1-2236-7 and CL 1-2651 and P.O. Box 219 Station H, Montreal, Que. WE 3-2846.

Dominion Auto Accessories Ltd., 420 Keele St., Toronto, Ont. RO 2-1171.

John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 and 4927 Jean Brillant Ave., Montreal, Que. RE 1-0725.

Dominion Electric Mfg. Co. Ltd., 60 Leslie St., Toronto, Ont. HO 1-9201.

Dominion Electrohome Industries Ltd., 39 Edward St., Kitchener, Ont. SH 3-0271.

Dominion Electrohome Indust. Ltd., Technical Prods. Div., 140 Mansion St., Kitchener, Ont. SH 3-0271.

Dominion Fasteners Ltd., 686 Parkdale Ave. N., P.O. Box 492, M.P.O. Hamilton, Ont. LI 9-4661, and Toronto, EM 6-1042; 4425 Mayfair Ave., Montreal, Que. HU 5567. Mr. Frank P. Lewis, 4425 Mayfair Ave., Montreal, Que. DE 5567; Mr. R. D. Parkinson, 199 Bay St., Toronto, Ont. EM 6-1042.

Dominion Rubber Co., 895 Don Mills Rd., Toronto, Ont. Empire Engrg. Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.

Douglas Randall Canada Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291 and OX 8-3081.

Dow Chemical of Canada Ltd., 600 University Ave., Toronto, Ont. EM 6-9171.

Dow Corning Silicones Ltd., Tippet Rd., Downsview, Ont. ST 8-6118 and 5582 Decarie Blvd., Montreal, Que. RE 9-1949.

Du Pont Co. of Canada (1956) Ltd., 1135 Beaver Hall Hill, Montreal, Que.

J. B. Pritchard, 11 Franklin Ave., Willowdale, Ont. BA 1-9311.

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E.M.I.-Cossor Electronics Ltd., 301 Windsor St., Halifax, N.S. 4-6487; 8230 Maynard St., Montreal, Que. RE 3-6502; 72 Grenville St., Toronto, Ont. WA 3-7611.

EV of Canada Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171; Box 885 Montreal, Que. CR 1-9858 (East).

R. C. Kahnet Sales Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171; D. Eldon McLennan Ltd., 1624 W. 3rd Ave., Vancouver, B.C. BA 2898 (West).

Eclipse Electronics Co., 153 Logan Ave., Toronto 8, Ont. HO 5-3188.

Edo (Canada) Ltd., East Front St., P.O. Box 97, Cornwall, Ont. WE 2-6774-5.

Edwards High Vacuum (Canada) Ltd., P.O. Box 515, Cumberland Ave., Burlington, Ont. NE 4-7757 and Toronto, Ont. EM 3-9841.

Electric Chain Co., 86 Bathurst St., Toronto, Ont. EM 3-8881.

The Electric Storage Battery Co. (Canada) Ltd., Exide Industrial Div. Box 907, Postal Station "U," Toronto 18, Ont. AT 9-1476; 1010 St. Catherine St. W., Montreal, Que.; 298 Main St., Winnipeg, Man.; 355 Burrard St., Vancouver 1, B.C.

Electrical Mfg. Co., P.O. Box 1300, Montmagny, Que. 235-6 and 170-180 Dorchester E., Montreal, Que. UN 1-9157.

Electrical Prods. Mfg. Co. Ltd., 5785 Pare St., Montreal, Que. RI 8-7861.

Electro-Clinic Reg'd, 7037 Boyce St., Montreal 5, Que. BE 7255.

ElectroData Div. of Burroughs Adding Machine of Canada Ltd., 1322 Carling Ave., Ottawa, Ont. PA 8-1924; 752 Bay St., Toronto, Ont. EM 3-3001; 585 University St., Montreal, Que. UN 1-6741.

Electrolabs, 7385 St. Lawrence Blvd., Montreal 16, Que. CR 6-6076.

Electronic Associates, Ltd., 4616 Yonge St., Willowdale, Ont. BA 1-1126.

Pacific Communications Service Ltd., 1181 Marine Dr., N. Vancouver, B.C. YU 7-3914.

Electronic Burgess Ltd., Technical Publications Div., 105 Willowdale Ave., Willowdale, Ont. BA 1-7961.

Electronic Communications Ltd., 379 Beauharnois St., Montreal 11, Que. DU 1-2385.

Electronic Components Ltd., 14 Plastics Ave., Toronto 18, Ont. CL 9-2379.

J. C. Matheson, 830 Montgomery Ave., Riverview, N.B.; Moncton Evergreen, 6-3816; Armor Supply & Sales Ltd., 6969 St. Lawrence Blvd., Montreal 10, Que.

Norris Burgess, 418 Mt. Pleasant Rd., Toronto, HU 9-1854. Jack Meloff Organization, 1066 Arlington St., Winnipeg 3, Man.

Electronic Controls Ltd., Lanning Bldg., Belleville, Ont.

Douglas Randall (Canada) Ltd., 126 Manville Rd., Toronto, Ont. PL 9-2291.

Electronic Craftsmen Ltd., 30 Weber St. N., Waterloo, Ont. SH 2-8650.

Electronic Engrg., 82 Elmwood Ave., Galt, Ont.

Electronic Enterprises, 1504 12th Ave. S.W., Calgary, Alta. CH 4-1422.

Electronic Enterprises Ltd., 270 Vitre St. W., Montreal, Que. UN 1-1838.

George H. Giles Sales, P.O. Box 70, Thornhill, Ont. AV 5-2241; National Sales Co., 72 Princess St., Winnipeg, Man.; A. L. Whitehead, P.O. Box 2345, Vancouver, B.C.

Electronic Materials Int'l. Ltd., 342 Gladstone Ave., Ottawa, Ont. CE 6-7148.

Electronic Research & Development Co. Ltd., 210-9th Ave. S.E., Calgary, Alta. AM 6-6048. Sales div: Electronic Service Supply Co. Ltd. Reps: Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224; Western Sound Services Ltd., 613 Portage Ave., Winnipeg, Man. SP 4-5547.

Electronic Specialties, 9 Glen Rd., Toronto 4, Ont. WA 3-4534, Sales Div., Bel-Clear Prods. Co. (same address).

Electronics Corp. of America (Canada) Ltd., 104 Advance Rd., Toronto 18, Ont. BE 3-6243 and 5404 Thorncliffe Drive, Calgary, Alta. 70353.

Martin Engrg. Inc., 1846 Dorchester St. W., Montreal, Que. and 1977 Avenue Rd., Toronto, Ont. Pacific Controls Ltd., 1042 Davie St., Vancouver, B.C. and Queens Ave., Victoria, B.C.

Electro-Vox Intermec Inc., 2626 Bates Rd., Montreal, Que. RE 9-1981; 137 Raleigh St., Toronto, Ont. AM 1-7293; 206 King St. N., Catharines, Ont. MU 4-4640; 2191 Tempe Ave., Quebec, Que. LA 2-8606; 303 Kendall Ave., Ottawa, Ont. SH 6-1935.

Dominion Machinery & Equipment Co. Ltd. Mumford Medland Ltd. Canadian Communications Systems. Taylor Pearson & Carson Ltd.

El-Met Parts Ltd., Head St., Dundas, Ont. MA 8-6366.

Engelhard Industries of Canada Ltd., 512 King St. E., Toronto, Ont. EM 2-3211, and 1255 University St., Montreal, Que. UN 6-7318. Pitt Distributing Co. Ltd., 80 George St., Toronto 2, Ont. EM 4-8268.

Engineered Sound Systems Ltd., 169 Kipling Ave. S., Toronto 18, Ont. BE 3-2155.

English Electric Co. of Canada Ltd., George St., St. Catharines, Ont. MU 5-7311.

Ericsson Telephone Sales of Canada Ltd., 130 Bates Rd., Town of Mount Royal, Montreal 8, Que. RE 1-6428 and 34 Advance Rd., Toronto 18, Ont. BE 1-1811.
Canadian Electronics Ltd., 109 St. at 107th Ave., Edmonton, Alta. 4-6451; E.M.I.-Cossor Electronics Ltd., 301 Windsor St., Halifax, N.S. 4-6487; MacIvor Electronics Ltd., 248 Main St., Winnipeg 1, Man. WH 2-3026; Pacific Communications Services Ltd., 1181 Marine Dr., N. Vancouver, B.C. YU 7-3914; L. A. Varah Ltd., (Westronic Engrg. Sales), 1541 Hornby St., Vancouver, B.C. MU 1-0104.

Erie Resistor of Canada Ltd., 7 Fraser Ave., Trenton, Ont. EX 2-6524 and Toronto EM 2-3315. Sales office: 4972 Dundas St. W., Islington, Ont. BE 1-1712.

Essex Electronics of Canada Ltd., 99 Wragge St., Trenton, Ont.

Essex Wire Corp., 1664 Windsor Ave., Windsor, Ont.

H. B. Eftin Co. Ltd., 1850 Wilson Ave., Weston, Ont. CH 1-1115.

MacKay Morton Ltd., 183 James Ave. E., Winnipeg, Man. T. H. Smith Associates, 107 Murray St., Montreal, Que.

Entette Welding Alloys Co. of Canada Ltd., 3150 - 37th St., Ville St. Michel, Que. RA 1-4939 (Atlantic Div., Dartmouth, N.S.); 9 Torbarrie Rd., Downsview, Ont. CH 6-5897 (Ont.); 1661 West 5th Ave., Vancouver, B.C. RE 1-2127 (West).

Executive Communication Systems Ltd., 331 Bartlett Ave., Toronto 4, Ont. LE 1-9961. Reprs. & distributors in principal cities across Canada.

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F. A. J. Tools Co., Parkhurst Blvd., Toronto 17, Ont.
John Best Co., 96 Kipling Ave. N., Islington, Ont. BE 1-7633.

Federal Wire & Cable Co. Ltd., Div. of H. K. Porter Co. (Canada) Ltd., 265 Suffolk St., P.O. Box 90, Guelph, Ont. TA 2-6730; 5625 Pare St., Montreal, Que. RI 4-5594; 857 Marion St., Boniface, Man. CH 7-2391; 148 East 3rd Ave., Vancouver, B.C. EX 1421; 325 - 10th Ave. W., Calgary, Alta. AM 9-5647; 10301 - 109th St., Edmonton, Alta. AM 2-6171.

Federated Metals Canada Ltd., 1110 Birchmount Rd., Scarborough, Ont. PL 7-3246.

Ferranti-Packard Electric Ltd., Industry St., Mount Dennis, Toronto 15, Ont. RO 2-3661.

Ferro Enamels (Canada) Ltd., P.O. Box 37, Oakville, Ont.

Fibreglas Canada Ltd., 10 Price St., Toronto, Ont. WA 4-9571.
Andrew Gilchrist Ltd., 155 Decarie Blvd., P.O. Box 322, St. Laurent, Que. RI 4-5596. Paisley Prods. of Canada Ltd., P.O. Box 159, Stn. H., Toronto, Ont. PL 2216-7-8.

Fischer & Porter Canada Ltd., P.O. Box 135, Downsview, Ont. ME 3-9810; 997 Decarie Blvd., Montreal, Que. RI 4-6458; 1575 West Georgia St., Vancouver 5, B.C. MU 4-8610.

Fisher Research Lab. Ltd., 1271 W. Pender St., Vancouver, B.C. MU 4-2027.

Fisher Scientific Co. Ltd., 245 Carlaw Ave., Toronto 8, Ont. HO 1-6333; 8505 Devonshire Rd., Montreal, Que. RI 8-8711; 10019 - 103 St., Edmonton, Alta. 23787.

Fleck Mfg. Ltd., 80 Harvey St., P.O. Box 1200, Tillsonburg, Ont. VI 2-3641.

F. Barringer. 57 Transwell, Toronto, Ont. BA 1-7046. (Ont. & Que.)

Fleet Mfg. Ltd., Gilmore Rd., P.O. Box 300, Fort Erie, Ont. 1400.

The Foxboro Co. Ltd., 707 Dollard Ave., Ville LaSalle, Montreal 32, Que. DO 6-4210; also at St. John, N.B.; Toronto, Sudbury, Port Arthur, Ont.; Edmonton, Calgary, Alta.; Vancouver, B.C.

Found Bros. Aviation Ltd., Malton, Ont. BU 6-2241.

L. H. Frost (Canada) Ltd., 1078 Service Rd., P.O. Box 425, Oakville, Ont. VI 4-6681.

G

Garlock Packing Co. of Canada Ltd., 750 Bay St., Toronto 2, Ont. EM 4-3456.

The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 1255 Laird Blvd., Montreal, Que. RE 8-7605.

General Controls Co. (Canada) Ltd., 171 Surrey St. E., Guelph, Ont. TA 2-3550. Branches in Montreal, Toronto, Winnipeg and Vancouver.

General Engrg. Co. Ltd., 1203 Roselawn Ave., Toronto 10, Ont. TR 7-4926.

General Instrument - F. W. Sickles of Canada Ltd., 151 Weber St. S., Box 408, Waterloo, Ont. SH 4-8101.

The General Tire & Rubber Co. of Canada Ltd., Industrial Prods. Div., Welland, Ont. RE 5-5631; P.O. Box 133, Willowdale, Ont. BA 1-9391; 7905 St. Laurent Blvd., Montreal, Que. DU 3370.

General Wire & Cable Co. Ltd., Cobourg, Ont. FR 2-5491 and Toronto EM 4-7263.

Globelette Batteries Ltd., 1717 Wellington Ave., St. James, Man. SP 4-4571, and principal western cities.

Gomard Electronics Ltd., 180 Chatham St., Hamilton, Ont. JA 8-1266. The Glendon Co. Ltd., 44 Wellington St. E., Toronto 1, Ont. EM 6-5673.

B. F. Goodrich Canada Ltd., Kitchener, Ont. SH 5-7351. Branches in principal cities across Canada.

Gould-National Batteries of Canada Ltd., 214 Merton St., Toronto 7, Ont. HU 1-4438 and 5925 Monkland Ave., Montreal, Que. HU 1-6633.

Great Lakes Electrical Specialties Ltd., Algic Ave., Toronto 18, Ont. CL 1-6581.

The B. Greening Wire Co. Ltd., 35 Queen St. N., Hamilton, Ont. JA 8-5971 and Toronto EM 3-0002 and EM 3-0003, also 180 St. Paul St. W., Montreal, Que. VI 9-2407. Bisset & Webb Ltd., 608 Paris Bldg., Winnipeg, Man.

Gulley Co. Ltd., 72 Crockford Blvd., Scarborough, Ont. OX 8-1678.

H

Hackbusch Electronics Ltd., 23 Primrose Ave., Toronto 4, Ont. LE 1-2453.

The Hallcrafters Canada Ltd., Don Mills Rd., Don Mills, Ont. HI 4-4401.

Halliday-Armstrong Ltd., 20 Trent Ave., Toronto 13, Ont. OX 8-3061. William M. Hummel, 150 Pinewood Trail, Port Credit, Ont. CR 8-7666 (East).

Hall & Pickles Ltd., 1266 Kipling Ave. N., Rexdale, Ont. CH 4-5335. Andrew Gilchrist Ltd., 155 Decarie Blvd., P.O. Box 322, St. Laurent, Que. RI 4-5596.

Hammond Mfg. Co. Ltd., P.O. Box 37, Guelph, Ont. TA 2-2960 and Toronto EM 4-1877.

Handy & Harman of Canada Ltd., 141 John St., Toronto 2B, Ont. EM 6-5171 and 620 Cathcart St., Montreal, Que. WR 6-6596.

The E. Harris Co. Ltd., 1 Leslie St., Toronto, Ont. HO 5-2434 and 6637 Jeanne Mance St., Montreal, Que.

Hart Battery Co. Ltd., Box 550, St. Johns, Que. 7-2325-6-7. Branches in principal cities across Canada.

Hathaway Kraemer Ltd., 125 Whitney Pl., Kitchener, Ont. SH 2-7944, and 8 Wellington St. E., Toronto, Ont. EM 4-4884.

Hawkesbury Wire Co. Ltd., P.O. Box 507, Hawkesbury, Ont.
Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Helipot Div., Beckman Instruments Inc., 3 Six Points Rd., Toronto 18, Ont. BE 3-1116.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 3333 Cavendish Blvd., Montreal N. D., Que. HU 1-0700.

Heilmann Canada Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

B. D. Coyne, 4130 Molson Ave., St. Genevieve de Pierrefonds, R.R. 2, Box 21, Que. NA 6-5412.

Honeywell Controls Ltd., Vanderhoof Ave., Toronto 17, Ont. HU 9-2151. Branch offices in principal cities across Canada.

Canadian Electronics Ltd., 109 St. & 107 Ave., Edmonton 1, Alta. 4-6451 and 334-4th Ave. S.E., Calgary, Alta.

The Hoover Co. Ltd., Gage Ave. and Barton St., Hamilton, Ont. LI 5-1151.

Hoskins Alloys of Canada Ltd., 45 Racine Rd., Rexdale, Ont. CH 4-1145.

Humble Mfg. Co. Ltd., 1695 W. 2nd Ave., Vancouver 9, B.C.
Prairie Agencies, 222 Portage Ave., Winnipeg, Man.

Philip A. Hunt Co. (Canada) Ltd., 77 Leslie St., Toronto 8, Ont. HO 5-1145 and Montreal, WE 2-3607.

Hysol (Canada) Ltd., P.O. Box 53, Postal Stn. "R," 44 Beechwood Dr., Toronto 17, Ont. HO 1-0708.

Fibreglas & Chemical Services Inc., 1220 W. Nickerson, Seattle 99, Wash., AL 1995 (B.C.).

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ITT Electronics Service Co. of Canada Ltd., 5796 Ferrier St., Town of Mount Royal, Que. RI 9-6551.

Air Vice Marshall J. A. Lawrence, 106 The Sandringham Range Rd., Ottawa, Ont.

The Indiana Steel Prods. Co. of Canada Ltd., Kitchener, Ont. SH 3-0244.

Industrial Electronics of Canada, Div. of C. C. Meredith & Co. Ltd., 80 Thomas St., Streetsville, Ont. AT 9-9001.

Foulis & Bennett Electric Ltd., Halifax, N.S. Electrical Industries Ltd., 10544 115th St., Edmonton, Alta.; Wilson Equipment Supply Co., P.O. Box 121, Stn. "C," Winnipeg 9, Man.

Interlake Steel Prods. Co. Ltd., Wellington St., Thorold, Ont. CA 7-3711.

E. Jeanes, 266 Aubrey St., Winnipeg 10, Man. SU 3-5442.

International Business Machines Co. Ltd., Don Mills Rd., Toronto 6, Ont. HI 4-2511. Branches in principal cities across Canada.

International Rectifier of Canada Ltd., 1581 Bank St., Ottawa 1, Ont. RE 3-6880.

The International Nickel Co. of Canada Ltd., 55 Yonge St., Toronto, Ont. EM 4-7471.

International Systems Ltd., 8235 Mountain Sights Ave., Montreal, Que. RE 3-1814 and RE 1-2515; 35 Doris Dr., Toronto 16, Ont. PL 7-2478.

J

Jerrold Electronics (Canada) Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Canadian Electronics Ltd., 109 St. & 107 Ave., Edmonton 1, Alta. 4-6451; Fred Welsh Antenna Systems, 733 Beatty St., Vancouver, B.C.

Johnson Matthey & Mallory Ltd., 110 Industry St., Toronto 15, Ont. RO 2-7201 and 606 Cathcart St., Montreal, Que. UN 6-6901.

Imperial Oxygen Ltd., 565 Trethewey Dr., Toronto, Ont. and all branches across Canada.

A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU. 5-9111.

Joy Mfg. Co. (Canada) Ltd., 175 Beverly St., Galt, Ont. 3600.

K

KCS Ltd., 20 Spadina Rd., Toronto, Ont. WA 4-3381, and Suite 103, 640

Cathcart St., Montreal, Que.

George Kelk Ltd., 130 Willowdale Ave., Willowdale, Ont. BA 5-7724.
R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 3333 Cavendish Blvd., N.D.G., Montreal, Que. HU 1-0700 (Specific prods.); Sheridan Geophysics, 121 Richmond St. W., Suite 602, Toronto, Ont. EM 3-3933 (Geophysical Equipment).

Kester Solder Co. of Canada Ltd., 51 Bruce St., Brantford, Ont. PL 3-3425.

C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man. SF 4-1855-6. (Lakehead West).

King's Electronics (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 & 8744.

Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.

Kitchener Electronic Industries Ltd., 139 Dundas St., P.O. Box 542, Kitchener, Ont. SH 5-9770.

William Cohen Ltd., 8900 Tangway, Montreal, Que. DU 8-9201 (Que.); Len Finkler & Co., 330 Adelaide St. W., Toronto 2B, Ont. EM 8-5222 (Ont. & West).

L

L. C. R. Mfg. Co. Ltd., 12 York St., Lindsay, Ont. FA 4-6003.

Leeds & Northrup Canada Ltd., 61 Industry St., Toronto 15, Ont. RO. 6-7623.

Leland Electric Canada Ltd., Crimea St., Guelph, Ont. TA 2-1570.

Industrial Electronics of Canada, Div. of C. C. Meredith & Co. Ltd., 80 Thomas St., Streetsville, Ont. Toronto AT 9-9001.

Lenkurt Electric Co. of Canada Ltd., 7018 Lougheed Hwy., N. Burnaby P.O., Vancouver, B.C. CY 8-2464.

Automatic Electric Sales (Canada) Ltd., 185 Bartley Dr., Toronto 16, Ont. PL 7-2861. Branches in Montreal, Ottawa, Brockville, Hamilton, Winnipeg, Regina, Edmonton and Vancouver.

Linde Co., Div. of Union Carbide Canada Ltd., 40 St. Clair Ave. E., Toronto 7, Ont. WA 4-5451; 805 Davenport Rd., Toronto, Ont. LE 4-9595; 8311 Royden Rd., Montreal, Que. RI 8-7931; 1175 Grant St., Vancouver 6, B.C. HA 6274; 733 Tache Ave., St. Boniface, Man. CH 7-4811; Highway 16, East, Edmonton, Alta. HO 6-1118.

Lindsay Antenna & Specialty Prods. Ltd., 11 Wellington St., Lindsay, Ont. FA 4-2196.

William Cohen Ltd., 8900 Tangway St., Montreal, Que. DU 8-9201; George H. Giles Sales, P.O. Box 70, Thornhill, Ont. AV 5-2241; E. Jeanes, 266 Aubrey St., Winnipeg 10, Man. SU 3-5442.

Linread Canada Ltd., Hayes Ave., P.O. Box 292, Guelph, Ont. TA 4-0070 & Toronto EM 8-8807.

Lion Rubber & Plastics Ltd., 140 Clement St., Villa LaSalle, Montreal 32, Que. DO 6-2170.

London Wood & Plastics Ltd., 19 King St., London, Ont. 2-3033.

Long Sault Woodcraft Ltd., St. Andrews E., Que.; LaChute, Que. LO 2-2438.

Lucas-Rotax Ltd., Box 115, Stn. "H," 2200 Eglinton Ave. E., Toronto, Ont. PL 5-4171; 5595 Royal Mount Ave., Montreal, Que. RI 8-7737; International Airport, Vancouver, B.C. CR 8-5104.

M

R. Mack & Co. Ltd., 7966 Granville St., Vancouver 14, B.C. AM 6-9749 (ARMACO branded components).

Magnetic Coil Co., 67 Ontario St. S., Kitchener, Ont. SH 2-7811.
Cross Canada Electronics, 67 Ontario St. S., Kitchener, Ont. SH 2-7811.

Mallory Battery Co. of Canada Ltd., 228 St. Helens St., Toronto, 4, Ont. LE 4-201; 439 Railway Ave., Vancouver, B.C. MU 4-4404; 830 King Edward St., Winnipeg, Man. SP 2-9521.
A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111.

Marking Products Ltd., 1801 Favard St., Montreal 22, Que. WE 2-5541.

Marsland Engrg. Co. Ltd., 154 Victoria St. S., Kitchener, Ont. SH 5-9486.

Eric Marsland & Co., 824 Victoria St. N., Kitchener, Ont. SH 5-8310.

Maxson Seeley & Co. Ltd., 60 Brydon Dr., Rexdale, Ont. CH 4-4269.

McCarter Radio & Television Ltd., 1625 W. 3rd Ave., Vancouver 9, B.C. RE 4313.

McCurdy Radio Industries Ltd., 22 Front St. W., Toronto, Ont. EM 6-6531. McIntosh hi-fi prods. manufactured under license.

Applied Electronics, 434 Church St., Toronto 4, Ont. CL 1-8451 (Hi-Fi prods.); L. A. Varah Ltd., 1451 Hornby St., Vancouver, B.C. MU 1-0104 (Broadcast prods.); Radiovision Sales Ltd., 325 Tenth Ave. W., Calgary, Alta. 2-3294 (Hi-Fi prods.); E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225 (Broadcast prods.).

McPhar Mfg. Ltd., 139 Bond Ave., Don Mills, Ont. H1 4-4511.

Measurement Engrs. Ltd., Arnprior, Ont. 400.

Mel Sales Ltd., Arnprior, Ont. 400 & 401; Box 1352, Postal Stn. "O," Montreal, Que. NA 7-4213; 1969 Avenue Rd., Toronto 12, Ont. HU 1-0231.

Mechron Engrs. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855.

R. C. Kohnert Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

C. C. Meredith & Co. Ltd., 80 Thomas St., Streetsville, Ont. TA 6-1141 and Toronto AT 9-4941. Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 8-8231.

Mica Co. of Canada, 1242 McGill College Ave., Montreal, Que. UN 6-2608.

Micarta Fabricators Ltd., 18 Toronto St., Toronto, Ont. EM 8-4251.

The Sloan Co., Rm. 318, 18 Toronto St., Toronto, Ont.

Micro-Tower Ltd., 42 Crookford Blvd., Toronto 16, Ont. PL 7-4263.

Millard Electric Ltd., Perth, Ont. 144.

Millitronics Ltd., 129 Adelaide St. W., Toronto, Ont. EM 4-9767 and 516 McDonnell St., Peterborough, Ont. RI 2-6613.

Minnesota Mining & Mfg. of Canada Ltd., Electrical Products Div., P.O. Box 757, London, Ont. GL 2-2500; 23 Isleview St., Halifax, N.S. 5-4240; P.O. Box 68, Montreal, Que. RE 9-2326; P.O. Box 1201, Postal Stn. "T," Toronto 19, Ont. CH 4-5607; 873 Notre Dame Ave., Winnipeg, Man. SP 2-0421; 2475 Manitoba St., Vancouver, B.C. EX 3561.

Moloney Electric Co. of Canada Ltd., 213 Sterling Rd., Toronto 3, Ont. LE 4-9926; Phillips Sq., Birks Bldg., Montreal, Que.; 715 11th Ave. W., Calgary, Alta.; 347 W. 4th Ave., N. Vancouver, B.C.; also agents across Canada.

Monarch Radio Mfg. Co., 3837 Arcade St., Montreal, Que. VI 5-1540.

Monsanto Canada Ltd., 425 St. Patrick St., Ville La Salle, Montreal, Que. Offices in Toronto, Oakville, Edmonton, Vancouver.

Morningstar-Paisley of Canada Ltd., 207 Queens Quay W., Toronto, Ont. EM 6-0848.

Mouldmakers & Engravers Ltd., 738 Dundas St. E., Toronto, Ont. EM 4-2928.

Empire Engineering Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.

Muirhead Instruments Ltd., 677 Erie St., Stratford, Ont. 3717 & 3718.

Constellation Components Co., 136 Tower Dr., Scarborough, Ont. PL 7-3359; and 17041 Omega Pl., St. Genevieve, Que. NA 6-5673.

Peter Muick Associates Ltd., 118 Rivalda Rd., Weston, Ont. CH 6-2111.

N

National Carbon Co., Division of Union Carbide Canada Ltd., 805 Davenport Rd., Toronto 4, Ont. LE 4-9501; 125 Mountain St., Montreal, Que. VI 5-3111; 616 St. James St., Winnipeg 12, Man. SP 2-0447.

Hackbusch Electronics Ltd., 23 Primrose Ave., Toronto 4, Ont. LE 1-2453.

National Fibre Co. of Can. Ltd., 107 Atlantic Ave., Toronto 3, Ont. LE 2-3303 and 1411 Crescent St., Montreal, Que. AV 8-7535.

National Semiconductors Ltd., 146 Bates Rd., Montreal 26, Que.

National Sound Services Ltd., 1785 Bois Franc Rd., Montreal 9, Que. RI 7-6515.

Neosid (Canada) Ltd., 10 Vancso Rd., Etobicoke, Toronto 18, Ont. CL 1-2831.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. E 6-5673.

R. H. Nichols Ltd., 4544 Dufferin St., P.O. Box 500, Downsview, Ont. ME 3-8190; P.O. Box 113, Ottawa, Ont. CE 5-5767; 624 Vancouver Block, 736 Granville St., Vancouver, B.C. MU 3-0019.

Noranda Copper and Brass Ltd., P.O. Box 1238, Place d'Armes, Montreal 1, Que. MI 5-8741; 1255 Laird Blvd., Montreal 16, Que. RE 9-2441; 225 Wickstead Ave., Toronto, Ont. HU 8-1115; 200 Queen's Ave., London, Ont. 8-0142; 10330-104th St., Edmonton, Alta. 2-2713; 1370 Powell St., Vancouver, B.C. HA 6460.

Northern Electric Co. Ltd., 1600 Dorchester St. W., P.O. Box 6123, Montreal, Que. WE 7-6071. Branches in principal cities across Canada.

Northern Nylon Molding Corp. of Canada Ltd., Montreal, Que. A. Deskin Sales Co. Ltd., 1091 14th St., St. Martin, Que. MU 1-0201.

Northern Radio Mfg. Co. Ltd., 1950 Bank St., Ottawa, Ont. RE 3-4440.

O

Oki & Willandson Ltd., 47 Crookford Blvd., Toronto 16, Ont. PL 7-4195.

Osborne Electric Co. Ltd., 95 Wesley St., Toronto 18, Ont. CL 9-7886.

P

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216-7-8; 11767 Pelletier Ave., Montreal, Que. DA 2-4756 and 2585 St. Patrick St., Montreal, Que. WE 5-8595.

Pamelyte Div., St. Regis Paper Co. (Canada) Ltd., 2180 Belgrave Ave., Montreal, Que. HU 9-3801; 81 McCormack Street, Toronto, Ont. RO 6-2403.

Par-Tex Engrg. & Contracting Co. Ltd., 4010 Dundas St. W., Toronto 9, Ont. RO 9-4111-2.

Paultie Plastics Co. Ltd., Bishop St., Preston, Ont.

Len Finkler & Co., 330 Adelaide St. W., Toronto 2B, Ont. EM 8-5222.

P. P. Payne & Sons (Canada) Ltd., 465 King St. W., Toronto, Ont. EIM 8-9214.

E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5716 (East).

Peckover's Ltd., 115 McCormack St., Toronto 9, Ont. RO 2-8272; 2052 St. Catherine St. W., Montreal, Que. WE 3-6717.

Pedaco Ltd., Box 156, Stn. D. Toronto 9, Ont. HU 5-5225. (Engineering and development services).

Peffer Sound Systems Ltd., 40 Maurice St., Kitchener, Ont. SH 3-2628.

Philco Corp. of Canada Ltd., Don Mills Rd., Don Mills, Ont. HI 4-2541.

Philips Electronics Industries Ltd., Industrial & Medical Equipment Div., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.

Van Waters & Rogers Co. Ltd., Scientific Supplies Div., 2625 Skeena St., Vancouver 12, B.C. HE 3-0521 (Alta. & B.C.).

Philips Industries Ltd., Div. of Philips Electronics Industries Ltd., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.

Philips Electrical Co. Ltd., Brockville, Ont. DI 2-5666. Branches in principal cities across Canada.

Pioneer Controls Ltd., 11th & Richmond Ave., Box 550, Brandon, Man. 91451.

Supreme Power Supplies Ltd., Toronto, Ont.; C. M. Robinson Co., Winnipeg, Edmonton, Calgary, Vancouver, R. L. Brews & Son Ltd., Calgary and Edmonton; Pioneer Electric (Sask.) Ltd., Regina, Sask.

Pioneer Electric Ltd., 1 Rockwood Pl., Winnipeg, Man.

Firelli Cables, Conduits Ltd., P.O. Box 70, St. Johns, Que. FI 6-6831.

The Plessey Co. of Canada Ltd., 243 Dunbar Ave., Town of Mount Royal, Montreal, Que. RE 9-1796.

Polytronics Co., 582 Bathurst St., Toronto 4, Ont. WA 1-8767.

Potter & Brumfield (Canada) Ltd., 135 Oxford St., Guelph, Ont.

A. T. R. Armstrong Ltd., 700 Weston Rd., Toronto 9, Ont. RO 2-7535 (Ont.); Aeromotive Engrs. Prods. Ltd., 147 Hynes Blvd., Pointe Claire, Que. ME 1-4396 and OX 7-0810 (Que.); Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597; and 87 King St., Winnipeg, Man. WH 3-8231 (West).

Powertronic Equipment Ltd., 50 Bernonsey Rd., Toronto 16, Ont. PL 5-3377.

Burlec Sales Ltd., 1179 Decarie Blvd., Montreal 9, Que. RI 4-0165; All offices of Northern Electric Co.

Precision Dials Ltd., 2 Dundas Sq., Toronto 1, Ont. EM 2-3016.

Precision Electronic Components (1956) Ltd., 50 Wingold Ave., Toronto 19, Ont. RI 1-6174.

Precision Welder & Flexopress Canada Ltd., 50 Chapman St., Galt, Ont.

Upton, Braden & James Ltd., 890 Yonge St., Toronto 5, Ont. WA 4-5751. Branches in principal cities across Canada.

J. R. Prichard, 11 Franklin Ave., Willowdale, Ont. BA 1-9311.

Process Instrument Systems Ltd., 1918 Avenue Rd., Toronto, Ont. RU 7-4218.

Proto Tools of Canada Ltd., P.O. Box 366, London, Ont. NL 1-2920.

Pye Canada Ltd., 84 Northline Rd., Toronto 16, Ont. PL 9-2231; 3 Duke St., Suite 3, Halifax, N.S.; 1167 James St. W., Montreal, Que.

Barvic Engrs Ltd., 909 Beach Ave., Vancouver, B.C.; Hart Electronics Ltd., 1961/2 Osborne St., Winnipeg, Man.

Pye Canada Ltd., Television Transmission Div., P.O. Box 360, McMaster Ave., Ajax, Ont. 1510 Ajax.

Barvic Engineering Ltd., 909 Beach Ave., Vancouver, B.C.

Pylon Electronic Development Co. Ltd., 161 Clement St., Ville La Salle, Montreal 3, Que. DO 6-1510; 68 Browns Ave., Toronto, Ont. LE 4-3501.

Q

Quality Hermetics Ltd., 45 Hollinger Rd., Toronto 16, Ont. PL 7-2869.

R

RCA Victor Co. Ltd., 1001 Lennox St., Montreal, Que. WE 3-7551. Branches in principal cities across Canada.

R & M Bearings Canada Ltd., 1006 Mountain St., Montreal 25, Que. UN 6-6761; 755 Blvd. des Capucins, Trois Rivières, Que. 33 & 50 Edward St., Toronto, Ont. 130 Ferguson Ave. N., Hamilton, Ont.;

1024 Oxford St. E., London, Ont.; 1302 Notre Dame Ave., Winnipeg, Man.; 1066 Seymour St., Vancouver, B.C.

Radelin Ltd., 106 Lake Shore Rd. E., Port Credit, Ont. CR 8-5301.

Radio Communications Equipment & Engrs. Ltd., 850 Fifth Ave., Lachine, Montreal 32, Que. ME 7-3743.

Radio Components Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Radio Condenser Co. Ltd., 6 Bernonsey Rd., Toronto 16, Ont. PL 5-2235.

Radio Engineering Products Ltd., 1080 University St., Montreal, Que. UN 6-6887.

Radio Speakers Canada Ltd., 37 Hanna Ave., Toronto 3, Ont. EM 4-4915.

Rawlplug Products (Canada) Ltd., 7320 Upper Lachine Rd., Montreal 28, Que. HU 1-7738 and 391 Birchmount Rd., Toronto 13, Ont. OX 9-0600.

C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man.; 325-10th Ave., Calgary, Alta.; H. C. Kennedy & Sons Ltd., 636 West 6th Ave., Vancouver, B.C.

Ray-O-Vac (Canada) Ltd., Berry & Sargent, St. James, Man. 64821. Branches in principal cities across Canada.

Raytheon Canada Ltd., 61 Laurel St. E., Waterloo, Ont. SH 3-5281.

John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 and 4927 Jean Brillant Ave., Montreal, Que. RE 1-0725; Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231.

Regency Electronics Ltd., 700 Weston Rd., Toronto 9, Ont. RO 2-7882.

Remington Rand Ltd., 984 Bay St., Toronto, Ont. WA 4-0651.

Renfrew Electric Co. Ltd., IRC Resistors Div., 349 Carlaw Ave., Toronto 8, Ont. HO 1-3511; 5890 Monkland Ave., Montreal, Que. HU 8-0806; 492 Somerset St. W., Ottawa, Ont. CE 6-9703.

Radiovision Sales Ltd., 325-10th Ave. W., Calgary, Alta. AM 2-3294.

Renfrew Electric Co. Ltd., Jensen Speakers Div. (addresses as above).

Renfrew Electric Co. Ltd., P. & S Wiring Devices Div. (addresses as above).

Renfrew Electric Co. Ltd., Struthers-Dunn Relays Div. (addresses as above).

Research Industries Ltd., 1777 - W 3rd Ave., Vancouver 9, B.C. CE 3235.

Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231 (West).

Research Instrumentation Ltd., 203 Prince Arthur St. W., P.O. Box 10, Sta. 'G', Montreal, Que. AV 8-8361.

Richardson-Allen of Canada Ltd., 1236 Birchmount Rd., Scarborough, Ont. PL 7-4166.

Robbins & Myers Co. of Canada Ltd., 58-66 Morrell St., Brantford, Ont. PL 2-5447; and 5 Cannotaur Ave., Toronto, Ont. CL 1-1414.

Rogers Electronic Tubes & Components, Div. of Philips Electronics Industries Ltd., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621; 8525 Decarie Blvd., Montreal, Que. RI 4-5871; 149 Portage Ave., Winnipeg, Man. WH 3-0745; 3605 Grandview Hwy., Vancouver, B.C. HE 1-5574.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Ronnie Leather Goods Ltd., 270 Vitre St. W., Montreal 1, Que. UN 1-1830.

William Cohen Ltd., 8900 Tangway St., Montreal, Que. DU 8-9201; George H. Giles Sales, P.O. Box 70, Thornhill, Ont. AV 5-2241.

Rotronic Corp. Ltd., 380 Adelaide St. W., Toronto 2B, Ont. EM 4-6833.

S

St. Johns Metal Stamping Co., 205 Blvd. Seminaire, St. Johns, Que. FI 6-5115.

Sea Breeze Mfg. Ltd., Jutland Ave., Toronto 18, Ont. (V-M Corp. prods. mfd. under license).

Audio Tool & Engrg. Ltd., Jutland Ave., Toronto 18, Ont.; Mr. J. R. Contois, 3510 Beauséjour, Ville St. Laurent, Montreal, Que. RA 1-6125 (East).

Servomechanisms (Canada) Ltd., 123 Rexdale Blvd., Rexdale, Ont. CH 4-5376.

Shakerproof/Fastex Div., Canada Illinois Tools Ltd., 67 Scarredale Rd., Don Mills, Ont. HI 4-8427.

Sharpe Instruments Ltd., 6080 Yonge St., Willowdale, Ont. BA 1-8733.

Shelburn Industries (Canada) Ltd., 642 De Courcelle St., Montreal.

Sido Ltd., P.O. Box 159, 555 Boivin Blvd., Granby, Que. FR 8-4953; and Montreal UN 1-6472.

Siemens Edison Swan (Canada) Ltd., 419 Notre Dame Ave., Winnipeg 2, Man. Also at Edmonton, Alta. and Halifax, N.S.

Silvercel of Canada Ltd., 10 Wickman Rd., Toronto 14, Ont. CL 1-9202.

A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.

Sinclair Radio Labs Ltd., 70 Sheffield St., Toronto 15, Ont. CH 4-5519.

N. Slater Co. Ltd., P.O. Box 271, Hamilton, Ont. JA 2-3551. Branches in principal cities across Canada.

Y. W. Small Parts Ltd., 496 Queen St. E., Toronto 2, Ont. EM 6-7606.

Ben Manis Associates Reg'd., 5317 Prince of Wales Ave., Montreal 29, Que. HU 6-1475; Jervis Agency, 380 Edgewood St., Norwood, Man. CH 7-8389.

S. G. Smallwood Ltd., 391-397 King St. E., Kitchener, Ont. SH 3-9583. McIntyre Agencies, 3365 Mountain Sights, Montreal, Que. RE 7-7672.

S. Smith & Sons (Canada) Ltd., 105 Scarredale Rd., Don Mills, Ont. HI 7-7291.

Smith & Stone Ltd., College View, Georgetown, Ont. TR 7-2241. C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man. SP 4-1853-6. (Lakehead West except B.C.).

C. R. Snelgrove Co. Ltd., 141 Bond Ave., Don Mills, Ont. HI 4-1107.

Sola Electric (Canada) Ltd., 24 Cannottor Ave., Toronto 18, Ont. CL 1-1147, and 5350 D'Argenteuil Pl., Montreal 9, Que. RI 4-0058. Agent: D. A. Ligertwood, 741 Lansdowne Ave., Winnipeg 4, Man. JU 2-7960.

Canadian Electronics Ltd., 107th Ave.-109th St., Edmonton, Alta. 4-6451, and 334-4th Ave. S.E., Calgary, Alta.

Sonneborn Ltd., 133 Laird Dr., Toronto 17, Ont. HU 1-6406; 696 William St., Montreal, Que. UN 1-4808; 164 Goulet St., Winnipeg; Man. CE 3-2744; 1110 East 7th Ave., Vancouver, B.C. TR 9-2111.

Sonograph Ltd., 102 Laird Dr., Toronto 17, Ont. HU 1-2254; 2100 Drummond St., Montreal, Que.; 196 Elliot St., London, Ont. Dealer Sales & Service Outlets across Canada.

Soundmaster Ltd., 283 Bank St., Ottawa 4, Ont. CE 2-0780.

Spaulding Fibre of Canada Ltd., 70 Coronet Rd., Toronto 18, Ont. BE 3-2151; and 5020 MacDonald Ave., Cote-St-Luc, Montreal, Que. HU 8-2945.

Sparton of Canada Ltd., Elm St., London, Ont. GL 5-6320; 593 Yonke St., Toronto, Ont. WA 2-4404; 200 Bates Rd., Montreal, Que. RE 9-1995.

Sperry Gyroscope Co. of Canada Ltd., Box 710, Montreal, Que. RI 7-5561; 3 Hamilton Ave., Ottawa, Ont. PA 8-4681; 1505 W. Pender St., Vancouver 5, B.C. TA 5167.

Spillsbury & Tindall Ltd., 120 E. Cordova St., Vancouver 4, B.C. S & T Sales Ltd., 120 E. Cordova St., Vancouver 4, B.C. MU 4-4131; 620 Golden Ave., Ottawa, Ont. PA 2-9486; 6511 Capilano Cres., Edmonton, Alta. HO 6-0945.

Standard Coil Prods. (Canada) Ltd., 37 Drummond St., Mimico, Ont. CL 9-7651.

Ron Merritt Co., Room G7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367. (West).

Standard Telephones & Cables Mfg. Co. (Canada) Ltd., 9600 St. Lawrence Blvd., Montreal, Que. DU 9-8221.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Standard Television Prods. Ltd., 108 Sydney St. S., Kitchener, Ont. SH 3-4324.

John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 and 5004 Dornal Ave., Montreal, Que. RE 1-0725.

Standard Wire & Cable Ltd., 70 Wingold Ave., Toronto, Ont. RU 3-4221.

Tele-Radio Systems Ltd., 3534 Dundas St., Toronto 9, Ont. RO 2-8224.

Stanwyck Coil Prods. Ltd., 17 Laurier St., Box 1049, Hawkesbury, Ont. ME 2-6651.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Mr. R. W. Stark, P.O. Box 514, 44 Renfrew St. W., Renfrew, Ont. HE 2-4358.

Stark Electronic Instruments Ltd., P.O. Box 670, Ajax, Ont. 125 and Toronto EM 8-2806. Sales: Stark Electronic Sales Co., same address.

Stegg Electric Ltd., 34 Bertram Blvd., P.O. Box 211, Belleville, Ont.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Strippit Tool & Machine Co., Hansen Rd., Brampton, Ont. GL 1-3330 and EM 6-6746; 640 Cathcart St., Montreal, Que. UN 6-9581.

W. M. Smith & Co. Ltd., 892 Long Dr., Burlington, Ont. NE 4-5333 (S. Ont.).

B. F. Sturtevant Co. Ltd., Galt, Ont. Galt 3980.

Sylvania Electric (Canada) Ltd., 6233 Cote de Liesse, St. Laurent, Montreal 9, Que. ME 1-4201; 35 Vulcan St., Rexdale, Ont.; Marjorie & Barrie Sts., St. James, Winnipeg, Man.; 8265 Fraser St., Vancouver, B.C.; 1207 11th Ave. W., Calgary, Alta.

Syntron (Canada) Ltd., Box 910, Stoney Creek, Ont. NO 2-8314. Wilson Equipment Supply Co., Box 121, Station "C", Winnipeg, Man. 1-24808, Prairie Power & Electronic Supplies Co., 2810 Dewdney Ave., Regina, Sask. JO 9-9488, Instrument Service Labs. Ltd., 29 West Broadway, Vancouver, B.C. EM 3361. John S. Plewes Co., 52 Humbercrest Blvd., Toronto, Ont. RO 9-2051.

T

TMC (Canada) Ltd., P.O. Box 1006, Billings Bridge, Ottawa, Ont. CE 6-3674.

Taylor Instrument Co's. of Canada Ltd., 75 Tyces Dr., Toronto 19, Ont. RU 7-1651.

Taylor-Leslie Mining & Engineering Corp. Ltd., P.O. Box 312, Terminal "A", Toronto, Ont. EM 6-2559.

Tecneck Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Telecables & Wires Ltd., Postal Station C, Winnipeg, Man. SP 5-2553.

Telegraph Condenser Co. (Canada) Ltd., 50 Beral Rd., Toronto 15, Ont. RO 6-6123.

Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Telegroup Mfg. Co. Ltd., P.O. Box 844, 729 Dundas St., London, Ont. GE 9-8871.

E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225 (East); A. L. Whitehead Ltd., Box 2345, Vancouver, B.C. WA 2-2210 (B.C.); Sybell Sales Co., 276 Arlington St., Winnipeg, Man. SU 3-3235 (Prairies).

Tellurimeter Canada Ltd., 77 Grenville St., Toronto, Ont. WA 1-1392.

Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.

Tenatronics Ltd., Box 659, Davis Dr. E., Newmarket, Ont. TW 4-5833; and 1011 Power Ave., Cleveland, Ohio.

Len Finkler & Co., 1794 Avenue Rd., Toronto, Ont. RU 1-5232 (East); Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 94th St., Winnipeg 2, Man. HW 3-8231 (West).

Thermo Electric (Canada) Ltd., P.O. Box 10, Brampton, Ont. GL 1-0813.

Aeromotive Engrg. Prods. Ltd., 147 Hymus Blvd., Pointe Claire, Que. OX 7-0810; Chemical & Industrial Sales Ltd., P.O. Box 4115, Edmonton, Alta. 382395; Northern Columbia Process Equipment Ltd., 1234 Marine Dr., N. Vancouver, B.C. YU 7-5711.

Thermovolt Instruments Ltd., P.O. Box 43, Toronto 18, Ont. BE 1-7134.

Thompson Products Ltd., 97 Scarredale Rd., Don Mills, Ont. HI 4-8443.

Pacific Communications Service Ltd., 1181 Marine Dr., N. Vancouver, B.C. YU 7-3914; Canadian Electronics Ltd., 109 St. and 107 Ave., Edmonton 1, Alta. 4-6451 and 334-4th Ave. S.E., Calgary, Alta.

Tinsley Instruments (Canada) Ltd., P.O. Box 99, Churchill Cres., Smiths Falls, Ont. 2539.

Titania Electric Corp. of Can. Ltd., Herbert St., P.O. Box 672, Ganoquo, Ont. Ganoquo 81.

F. V. Topping Electronics Ltd., 94 Laird Dr., Toronto 17, Ont. HU 7-1546.

Torrington Mfg. Co. of Canada Ltd., 201 Speers Rd., Oakville, Ont. VI 5-2836.

F. D. Bolton Ltd. & Douglas Power Equipment Ltd., 926 E. Hastings St., Vancouver 4, B.C. MU 4-5658; also Winnipeg, Man. and Edmonton, Alta.

Tower Productions Ltd., 278 Sparks St., Ottawa, Ont. CE 6-7219.

Transonic Ltd., McMaster Ave., Ajax, Ont. Apt. 1510.

Triad Instrument & Controls Ltd., P.O. Box 31, Scarborough, Ont. AM 1-7687.

U

Ungar Electric Tool Co. of Canada, 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

B. D. Coyne, 4130 Molson Ave., Ste. Genevieve de Pierrefonds, R. R. 2, Box 21, Que. NA 6-5412.

United-Carr Fastener Co. of Canada Ltd., 231 Gage Ave. N., Hamilton, Ont. LI 4-5791; 93 Yorkville, Toronto, Ont. WA 4-2157; Room 1034, Shell Tower Bldg., Montreal, Que. UN 6-7465.

United Shoe Machinery Co. of Canada Ltd., 2610 Bennett Ave., Montreal, Que. CL 5-3631; 26-28 Duncan St., Toronto, Ont.; 25 Concession St., Galt, Ont.; 227 St. Valier St. E., Quebec, Que.

The Universal Wire & Cable Co. Ltd., 2155 Moreau St., Montreal, Que. LA 6-2533.

V

Vactric (Canada) Ltd., 1835 St. Catherine St. W., Montreal 25, Que. WE 5-8501.

Valerite Electronics (Guelph) Ltd., 3 Victoria Rd. N., P.O. Box 356, Guelph, Ont. TA 4-3220.

Varian Associates of Canada Ltd., 45 River Dr., Georgetown, Ont. TR 7-3664 & Toronto EM 3-3127. Arva, Room G-7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367.

Vector Labs. Inc., 736 Notre Dame St. W., Montreal, Que. UN 1-6552. Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367.

Verd-A-Ray Electronic Prods. Ltd., 1285 Hodges St., Ville St. Laurent, Montreal 9, Que. RI 7-4797 and 24 Shallman Blvd., Toronto, Ont. RU 2-7506.

W

Walcan Ltd., 140 Wellington St., Ottawa, Ont. CE 6-2042.

The Wallace Barnes Co. Ltd., 274 Sherman Ave. N., Hamilton, Ont. LI 51172 and 119 Hymus Blvd., P.O. Box 165, Valois, Pte. Claire, Que.

E. A. Tipping Sales Ltd., 957 Notre Dame Ave., Winnipeg, Man.; and S. Koroby, 421 Williams Rd., Richmond, Vancouver, B.C.

Ward Leonard of Canada Ltd., 1070 Birchmount Rd., Box 70, O'Connor P.O., Toronto 16, Ont. PL 7-4131.

Mr. R. J. Showalter, 1028 39th Ave. N.W., Calgary, Alta.

Waterloo Metal Stampings Ltd., 63 William St. E., Waterloo, Ont. SH 5-6868.

Mr. Ronald Warwick, 110 Patricia Ave., Willowdale, Ont. BA 5-8282. (Ont.); Mr. A. K. St. James, 51 Hollowell Ave., Westmount, Que. WE 5-4067.

Watkins Electronics Ltd., 9 Dwight Ave., Toronto 14, Ont. CL 1-6441.

Welwyn Canada Ltd., 1255 Brydges St., London, Ont. GL 1-9490.

White Radio Ltd., 41 West Ave. N., P.O. Box 463, Hamilton, Ont. JA 2-1716.

Rutherford Agencies, P.O. Box 1013, St. Laurent, Montreal 9, Que. RI 7-5073; Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. HW 3-8231.

Mrs. B. Whitaker, 2137 Niagara Dr., Ottawa, Ont. CE 4-4686.

E. E. Whitaker, 2137 Niagara Dr., Ottawa, Ont. CE 4-4686 and 12 Glenmorris Dr., Dundas, Ont. MA 8-8460.

The Wind Turbine Co. of Canada Ltd., 145 Lucan St., Waterloo, Ont. SH 2-1323.

Witeco Chemicals Co. Canada Ltd., P.O. Box 222, Oakville, Ont.

P. N. Soden & Co. Ltd., 2143 St. Patrick St., Montreal 22, Que. WE 5-4602 and 41 Advance Rd., Toronto 18, Ont. BE 3-6289.

Woodcraft Service Co., 54 Newcasttle St., Mimico, Toronto 14, Ont. CL 9-5724.

J. J. McQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455. Rep: E. Jeanes, 266 Avenue St., Winnipeg 10, Man. SU 3-5442.

X

X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908. Branches in principal cities across Canada.

Y

York Woodcraft Ltd., New Hamburg, Ont. 241.

John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 and 4927 Jean Brillant Ave., Montreal, Que. RE 1-0725 (East).

Z

Zenith Radio Corp. of Canada Ltd., Radio-TV-Electronics Div., 1470 The Queensway, Toronto 18, Ont. CL 5-2324.

Section 3

U.S., U.K. and Other Manufacturers

Names and addresses are given in this section for all non-Canadian manufacturers whose names appear in Section 1—Products and Services. Details of Canadian sales representatives, if any, appear immediately

below the manufacturer's listing. Telephone numbers are included in the listings of manufacturers who do not have representation in Canada.

A
A. A. Tools, 197A Whiteacre Rd.,
Ashton-Under-Lyne, Lancs., Eng-
land.

Empire Engineering Co., 738
Dundas St. E., Toronto, Ont.
EM 4-2928.

AEG, Stuttgart, Germany.

Thermovolt Instruments Ltd.,
P.O. Box 43, Toronto 18, Ont.
BE 1-7134.

A.N.T.E.X. Ltd., 3 Tower Hill,
London, E.C.3, England.
Mechron Engineering Prods.,
Ltd., 2437 Kaladar Ave., Ottawa,
Ont. RE 3-3855; 2279 Yonge St.,
Toronto, Ont. HU 1-5639; 4206
St. Catherine St. W., Montreal,
Que.

A. P. T. Electronics Ltd., England.
Payette Radio Ltd., 370 St. James
St. W., Montreal, Que. UN
6-6681.

A. R. & T. Electronics Inc., P.O.
Box 370, North Little Rock, Ark.
Tele-Radio Systems Ltd., 3534
Dundas St. W., Toronto 9, Ont.
RO 2-8224.

Accurate Electronics Corp., 169
South Abbe Rd., Elyria, O.
Electrolabs., 7385 St. Lawrence
Blvd., Montreal, Que. CR 6-6076.

Accurate Threaded Fasteners, Inc.,
2901 W. Montrose, Chicago, Ill.
Willard Spenser Co., 3238 Curry
Ave., Windsor, Ont. YO 9-1332
(Ont. & Que.)

Acheson Colloids Co., Div. of
Acheson Industries, Inc., 1635
Washington Ave., Port Huron,
Mich.

G. G. Simms, Suite 564, 5th
Floor, 199 Bay St., Toronto 2,
Ont. EM 8-7772.

Acme Electric Corp., 449 Water
St., Cuba, N.Y.
Adams Engrg. Ltd., 1500 St.
Catherine St. W., Montreal 16,
Que. WE 3-6857.

Acoustica Associates, Inc., 26
Windsor Ave., Mineola, L.I., N.Y.
X-Ray & Radium Industries Ltd.,
261 Davenport Rd., Toronto,
Ont. WA 3-0908; Electrolabs,
7385 St. Lawrence Blvd., Mont-
real, Que. CR 6-6076.

Acoustical Manufacturing Co. Ltd.,
Huntingdon, England.
Smyth Electronic Components
Ltd., 380 Craig St. W., Montreal,
Que. AV 8-6281.

Acousti-Craft, 14122 Van Nuys,
Calif.
Ron Merritt Co., Room G.7,
Marine Bldg., 355 Burrard St.,
Vancouver 1, B.C. MU 1-3367
(West).

Aero Prods. Co., 369 Shurs Lane,
Philadelphia 28, Pa.
Telequipment Mfg. Co. Ltd.,
P.O. Box 844, London, Ont. GE
9-8871 (Canada, except B.C.).

Aeromag, Inc., 22519 Telegraph
Rd., Detroit 14, Mich. EL 6-7211.

Acton Labs. Inc., 533 Main St.,
Acton, Mass.
Conway Electronic Enterprises
Reg'd., 1514 Eglinton Ave. W.,
Toronto 10, Ont. RU 3-6576 &
6676.

Adape, Inc., 292 Main St., Cam-
bridge, Mass.
Radionics Ltd., 8230 Mayrand
St., Montreal 9, Que. RE 3-3937.

The Adams & Westlake Co., 1025
N. Michigan, St. Elkart, Ind.
Lisle Instrument Systems, 577
Eglinton Ave. W., Toronto, Ont.

HU 8-2782 and 100 Ballantyne
Ave. S., Montreal, Que. (Ont. &
East).

Adams-Pelouze Co., 1218 Chicago
Ave., Evanston, Ill.
Emerson Sales Ltd., 154 Alex-
ander St., Vancouver 4, B.C. MU
1-6418 (West).

Adcola Prods. Ltd., London, Eng-
land.

Adcola Prods. Ltd., P.O. Box
103, Weston, Ont. CH 1-5830.

Addison Electric Co. Ltd., 1012
Bosworth Rd., London W.10,
England.

Electrodesign, 736 Notre Dame
St. W., Montreal, Que. UN 6-
7367, also at Ottawa & Toronto
(Ont. & Que.).

Adel Precision Prods., Div. of
General Metals Corp., Huntingdon
17, West Va.

Railway & Power Engrg. Corp.,
3745 St. James St. W., Montreal
30, Que. WE 3-6741; 197 Eastern
Ave., Toronto, Ont. EM 2-4771;
and principal cities across Can-
ada.

Adler Electronics, Inc., 1 Le Fevre
Lane, New Rochelle, N.Y.

Adler Electronics, Inc., Military
Electronics Div., 1 LeFevre Lane,
New Rochelle, N.Y.

Instronics Ltd., P.O. Box 100,
Stittsville, Ont. Hazeldean 156
and 21 Benleigh Dr., Scar-
borough, Ont. AX 3-7806.

Advance Components Ltd., Roe-
buck Rd., Hainault, Ilford, Essex,
England.

Conway Electronic Enterprises
Reg'd., 1514 Eglinton Ave. W.,
Toronto 10, Ont. RU 3-6576 &
6676; Smyth Electronic Com-
ponents Ltd., 380 Craig St. W.,
Montreal, Que. AV 8-6281.

Advance Electronics Lab., Inc.,
249-259 Terhune Ave., Passaic,
N.J.

Tecneck Associates, 1405 Bishop
St., Montreal 25, Que. VI
4-7874.

Advanced Electronics Mfg. Corp.,
2116 S. Sepulveda Ave., Los
Angeles 25, Calif.

Electromechanical Prods., Mark-
ham Rd., Agincourt, Ont. AX
3-7011.

Advanced Vacuum Prods., 430
Fairfield Ave., Stamford, Conn.

Paisley Prods. of Canada Ltd.,
36 Upton Rd., Scarborough, Ont.
PL 5-2216 and 11767 Pelletier
Ave., Montreal, Que. DA 2-4756.

Ad-Yu Electronics Lab., Inc., 249
Terhune Ave., Passaic, N.J.

Electroline TV Equipment Inc.,
Suite 114, 5757 Decelles Ave.,
Montreal 24, Que. RE 8-9095.

Aemco, Inc., 10 State St., Mankato,
Minn.

John Herring & Co. Ltd., 3468
Dundas St. W., Toronto 9, Ont.
RO 2-9824.

Aerialite Ltd., Antenna & Elec-
tronics Div., Hargreaves Works,
Congleton, Ches., England.

Aero Electronics Corp., 1745 W.
134th, Gardena, Calif. FA 1-2196.

Ray Johnston Co., 1011 E. 69th
St., Seattle, Wash. LA 4-5170
(B.C.); Minthorne International,
15 Moore St., New York, N.Y.,
(Canada except B.C.).

Aero Instrument Co., 11423 Van-
owen St., N. Hollywood, Calif.
Samuel C. Hooker (Canada)
Ltd., 2425 Grand Blvd., Mont-
real, Que. HU 8-8321 and 4126

Bathurst St., Downsview, Ont.
ME 5-1470.

Aero Research Instrument Co. Inc.,
315 N. Aberdeen St., Chicago, Ill.
Burt C. Porter Co., 1209 Poplar
Pl., Seattle 44, Wash. EA 3-8330
(B.C.); Winnett Boyd Ltd., 745
Mt. Pleasant Rd., Toronto 7,
Ont. HU 1-3772. (Que.).

Aero Supply Co., Corry Pa.
The Garrett Mfg. Corp. of Can-
ada Ltd., 4 Racine Rd., Rexdale,
Ont. CH 4-5655 and 1255 Laird
Blvd., Montreal, Que. RE 8-7605.

Aerolite Electronics Corp., 507 -
26th St. Union City, N.J.
Electrolabs, 7385 St. Lawrence
Blvd., Montreal, Que. CR 6-6076.

Aerolux Light Corp., 653-11th Ave.,
New York 36, N.Y. CI 6-5324.

Aeronautical Communications
Equipment, Inc., 3090 S.W. 37th
Ave., Miami 33, Fla.

Aerovox Corp., New Bedford,
Mass.

Aerovox Canada Ltd., 1551 Bar-
ton St. E., Hamilton, Ont. LI
5-1186.

Affiliated TV Labs., Inc., 112-07
Francis Lewis Blvd., Queen's Vil-
lage 29, N.Y.

Chas. L. Thompson Ltd., 3093
Woodbine Dr., N. Vancouver,
B.C. YU 8-2597, and 87 King St.,
Winnipeg 2, Man. WH 3-8231.

A/G'A Division of Ensa, 1027
Newark Ave., Elizabeth, N.J.

Gas Accumulator Co. (Canada)
Ltd., 12 Gower St., Toronto 16,
Ont. PL 5-5297.

Air-Marine Motors, Inc., 369 Bay-
view Ave., Amityville, L.I., N.Y.
AM 4-3700; and 2221 Barry Ave.,
Los Angeles, Calif. BR 2-6489.

**Aircraft Appliances & Equip-
ment Ltd.**, 585 Dixon Side Rd.,
Weston, Ont. CH 4-5506.

Airborne Instrument Lab., Inc.,
160 Old Country Rd., Mineola,
L.I., N.Y.

Radionics Ltd., 8230 Mayrand
St., Montreal, Que. RE 3-3937.

Aircraft Armaments, Inc., Box 126,
Cockeysville, Md.

Tele-Radio Systems Ltd., 3534
Dundas St. W., Toronto 9, Ont.
RO 2-8224.

AIRResearch Mfg. Co., 9851 Sepul-
veda Blvd., Los Angeles 45, Calif.
and 402 S. 36th St., Phoenix, Ariz.

**The Garrett Mfg. Corp. of Can-
ada Ltd.**, 4 Racine Rd., Rexdale,
Ont. CH 4-5655 and 1255 Laird
Blvd., Montreal, Que. RE 8-7605.

Almuc Ltd., High Wycombe,
Bucks., England.

**Radio Communications Equip-
ment & Engrg. Ltd.**, 850 Fifth
Ave., Lachine, Montreal 32, Que.
ME 7-3743.

Airpax Electronics, Inc., Cam-
bridge, Md. and Fort Lauderdale,
Fla.

Leonard Electric Ltd., 346 Bering
Ave., Toronto 18, Ont. BE
1-2731.

Airtronics International Corp., Box
8576, Fort Lauderdale, Fla.

Tele-Radio Systems Ltd., 3534
Dundas St. W., Toronto 9, Ont.
RO 2-8224.

Alax Condenser Corp., 932 W.
Wrightwood Ave., Chicago 26, Ill.
Lake Engrg. Co. Ltd., 767 War-
den Ave., Scarborough, Ont. PL
7-3253.

Akro-Mills, Inc., 820 E. Market St.,
Box 989, Akron 9, Ohio. BL 3-7100.

Roger M. Minthorne Co., 0673
S.W., Taylors Ferry Rd., Port-
land 19, Ore., CH 6-4556; A. T.
R. Armstrong Co. Ltd., Box 38,
Station "D," Toronto 9, Ont. RO
2-7535.

Akustische u. Kino-Geräte GmbH,
Vienna, Austria.

Electrovert Ltd., 265 Craig St.
W., Montreal, Que. UN 1-1872,
and P.O. Box 23, Stn. "N," Tor-
onto, Ont. CL 5-4436.

Alabama Automotive Corp., P.O.
Box 875, Huntsville, Ala.

Dage Corp., 219 East 44th St.,
New York, N.Y. MU 2-6755.

Aladdin Electronics Inc., 719
Murfreesboro Rd., Nashville, Tenn.

Lake Engrg. Co. Ltd., 123 Man-
ville Rd., Scarborough, Ont. PL
7-3253; Elcom Marketing Ltd.,
123 Manville Rd., Scarborough,
Ont. OX 8-3691.

Alcon Metal Prods. Inc., 1750 N.
Kimball Ave., Chicago 47, Ill.

Okki & Willadsen Ltd., 47 Crock-
ford Blvd., Toronto 16, Ont. PL
7-4195.

Alfax Paper & Engrg. Co., Box 125,
Westboro, Mass. FO 6-4467.

Alford Mfg. Co., 299 Atlantic
Ave., Boston 10, Mass.

Electrodesign, 736 Notre Dame
St. W., Montreal, UN 6-7367.
(East - Insts. & Components)

All American Tool Mfg. Co., 8027
Lawndale Ave., Skokie, Ill. OR
3-7084.

Computing Devices of Canada
Ltd., P.O. Box 508, Ottawa 4,
Ont.

All Power Transformers Ltd., 111
Chertsey Rd., Byfleet, Surrey,
England.

Allard Instrument Corp., Mineola,
N.Y.

A. Deskin Sales Co., 1091-14th
St., St. Martin, Que. MU 1-0201.

Allegany Instrument Co., Inc., 1091
Wills Mountain, Cumberland, Md.

Instronics Ltd., P.O. Box 100,
Stittsville, Ont. Hazeldean 156
and 21 Benleigh Dr., Scar-
borough, Ont. AX 3-7806.

Allen B. Du Mont Labs. Inc., 760
Bloomfield Ave., Clifton, N.J.

Bayly Engrg. Ltd., Hunt St.,
Ajax, Ont. EM 2-3741 and 48
Sparks St., Ottawa, Ont. CE
2-9821; Tele-Radio Systems Ltd.,
3534 Dundas St. W., Toronto 9,
Ont. RO 2-8224.

Robert Allen Ltd., England.
Payette Radio Ltd., 730 St.
James St. W., Montreal, Que.
UN 6-6681.

Alliance Mfg. Co., Lake Park
Blvd., Alliance, O.

Alliance Div., General Steel
Wares Ltd., 76 Miranda Ave.,
Toronto 10, Ont. RU 7-2482;
GSW-8976, Shaughnessy St.,
Vancouver, B.C. FA 1-3291;

1745 Sargent Ave., Winnipeg,
Man. SP 5-8471; 2355 Delisle
St., Montreal, Que. WE 2-6181.

Allied Control Co., Inc., 2 East
End Drive, New York 21, N.Y.

Adams Engrg. Ltd., 1500 St.
Catherine St. W., Montreal 16,
Que. WE 3-6857.

Allied Industries, Inc., Ogallala,
Neb.

E. G. Lomas, 227 Laurier Ave.
W., Ottawa, Ont. CE 2-8504.

Allied Plastics Supply Corp., 75
Cliff St., New York 38, N.Y. BE
3-7377.

Allison Labs., 14185 E. Skyline Dr., La Puente, Calif.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

Alloy Rods Co., York, Penn.
Canadian Liquid Air Co. Ltd., 1111 Beaverhill Hill, Montreal, Que. UN 6-4781.

Alpha Wire Corp., 200 Varick St., New York 14, N.Y.
Alpha Aracon Radio Co. Ltd., 29 Adelaide St. W., Toronto, Ont. EM 6-1591.

Alpine Electronic Components, Waterbury, Conn.
John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 and 4927 Jean Brillant Ave., Montreal, Que. RE 1-0725.

Alproco, Inc., 540 Weakley Ave., P.O. Box 4974, Memphis, Tenn.

Altet Lansing Corp., 1515 S. Manchester Ave., Anaheim, Calif.
General Sound & Theatre Equipment Ltd., 861 Bay St., Toronto 5, Ont. EM 4-2438.

Alto Fonic Music Systems, Inc., 981 Commercial St., Palo Alto, Calif.

R. C. Kahmert Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

Alto Fonic Tape Service, Inc., 981 Commercial St., Palo Alto, Calif.
R. C. Kahmert Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171, and Box 885, Montreal, Que. CR 1-9858.

Alto Scientific Co. Inc., 855 Commercial St., Palo Alto, Calif.

Amalgamated Wireless, Sydney, Australia.
Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418.

Amatom Electronic Hardware Co., Inc., 88 Drake Ave., New Rochelle, N.Y.
J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Eric Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.

Amco Engrg. Co., 7333 W. Ainslie St., Chicago 31, Ill.
Elder Electronics, 3220 Robert St., Burlington, Ont. NE 4-0511 (Ont.); Dayrand Ltd., 4621 St. Catherine St. W., Montreal, Que. WE 2-2541 (Que.).

American Crucible Prods. Co., Keneco Pump Div., 1305 Oberlin Ave., Lorain, O.
Ward Leonard of Canada Ltd., 1070 Birchmount Rd., Box O'Connor P.O., Toronto 16, Ont., PL 7-4131.

American Designed Components, Inc., Jericho, L.I., N.Y.
Willard Spenser Co., 3238 Curry Ave., Windsor, Ont. YO 9-1332.

American Electric Mfg. Corp., 34 N. Orleans, Memphis 12, Tenn.
Douglas Randall (Canada) Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291.

American Electrical Heater Co., 6110 Cass Ave., Detroit 2, Mich.
Pfeiffer Electronic Labs., Box 316, Trenton, Ont. EX 2-3498.
B. Vincent Benton, 14-B Old Hickory Dr., Albany 4, N.Y.

American Electronics Co., 1203 Bryant Ave., New York 59, N.Y.
William Cohen Ltd., 8900 Tangany St., Montreal, Que. DU 8-9201.

American Electronics, Inc., 655 West Washington Blvd., Los Angeles 15, Calif.

Aeromotive Engrg. Prods., 5257 Queen Mary Rd., Montreal 29, Que. EL 9602 & 4131 (East); J. K. Dooley Co., 3215 Western Ave., Seattle 1, Wash. AT 4-8313 (B.C.).

American Electronics Labs., Inc., 121 N. 7th St., Philadelphia 6, Pa.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

American Geloso Electronics, Inc., 312-7th Ave., New York, N.Y.

Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).

American Meter Co., Inc., Pump Div., 13500 Philmont Ave., Philadelphia 16, Pa.
Associated Instrumentation & Controls Ltd., 2655 Bates Rd., Montreal 26, Que. RE 8-1167.

American Microwave Corp., 11754 Vose St., N. Hollywood, Calif.

American Molded Prods., 2727 W. Chicago Ave., Chicago 22, Ill.
Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

American Rectifier Corp., 95 Lafayette St., New York, N.Y.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

American Research Corp., Route 6 Farmington, Conn. OR 7-2693.
Computing Devices of Canada Ltd. P.O. Box 508, Ottawa 4, Ont. TA 8-1761.

American Sealants Co., Hartford 6, Conn.

J. S. Parkes & Co. Ltd., 220 St. Paul St. W., Montreal, Que. (East); Associated Enterprises, 10729 University Ave., Edmonton, Alta. and 3817 Hertford St., S. Burnaby, B.C. (West).

American Super - Temperature Wires, Inc., 10 Canal St. W., Winoski, Vt.
Alec W. Andrews & Associates, 1239 Tecumseh Pk., Pt. Credit, Ont. CR 8-3478.

American Television & Radio, 300 E. Fourth St., St. Paul, Minn.
R. C. Kahmert Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171. (East)

American Thermostat Corp., South Cairo, N.Y.

American TV & Radio Co., Inc., 300 E. Fourth St., St. Paul, Minn.
Chas. L. Thompson Ltd., 8093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597, and 87 King St. W., Winnipeg 2, Man. WH 3-8231.

Ames Wfge. Corp., 4320 Park Ave., New York 57, N.Y.

Amos Exeter Ltd., Exeter, Devon, England.
Mechron Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St. W., Montreal 6, Que.

Amperex Electronic Corp., 230 Duffy Ave., Hicksville, L. I., N.Y.
Rogers Electronic Tubes & Components, 11-19 Brentcliffe Rd., Leaside, Toronto 17, Ont. HU 5-8621.

Amperite Co., 561 Broadway, New York 12, N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Ampex Corp., 934 Charter St., Redwood City, Calif.
Amper American Corp.-Canadian Div., 1537 The Queensway, Toronto 14, Ont. CL 9-4263 (professional prods.) and 77 Metcalfe St., Ottawa, Ont. CE 6-9763 (Instrumentation prods.).

Amplivox Ltd., 2 Bentinck St., London, W. 1, England.
Amplivox (Canada) Ltd., 71 Wellesley St. E., Toronto 5, Ont. WA 3-9401; Mechron Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St. W., Montreal 6, Que.

Amso Div., Chicago Heights, Ill.
Canadian Liquid Air Co. Ltd., 1111 Beaverhill Hill, Montreal, Que. UN 6-4781.

Analogue Controls, Inc., 39 Roselle St., Mineola, N.Y.
Philips Electronics Industries Ltd., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.

Analytical Measurements, Inc., 585 Main St., Chatham, N.J.
General Communications Ltd.,

980 O'Connor Dr., Toronto 16, Ont. PL 5-0771.

Andersen Labs., Inc., 501 New Park Ave., W. Hartford, Conn.
Dage Corp., 219 E. 44th St., New York 17, N.Y. MU 2-6755.

Antenna Designs, Inc., 225 S. Third St., Burlington, Iowa.
Robert J. Buckland Co., 56 Water St., Chatham, Ont. EL 4-3106.

Anti-Corrosive Metal Prods., Albany, N.Y.

Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741; 197 Eastern Ave., Toronto, Ont. EM 2-4771; and principal cities across Canada.

Anflab, Inc., 6330 Proprietors Rd., Worthington, O.

Anton Electronics, 1226 Flushing Ave., Brooklyn, N.Y.
Stark Electronic Sales Co., Ajax, Ont. 125.

Autrex Corp., 854 N. Rockwell St., Chicago, Ill.

L. Parker Agencies, 113 Selby St., Montreal 6, Que. WE 3-5549.

Apex Scientific Co., 59 Donna Maria Way, Orinda, Calif.

Applied Research Inc., 76 South Bayles Ave., Port Washington, L.I., N.Y.
Electroline Television Equipment Inc., 57-57 Decelles Ave., Montreal, Que. RE 8-9095.

Arber Mfg. Co., Inc., 115 Chestnut St., New Haven 11, Conn.
The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Arco-Elmenco, 64 White St., New York 13, N.Y.

Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Arcoelectric (Switches) Ltd., Central Ave., West Molesey, Surrey, England.

Alpha Aracon Radio Co. Ltd., 555 Wilson Ave., Downsview P.O., Toronto, Ont. ST 8-6181 and 29 Adelaide St. W., Toronto, Ont. EM 6-1591; Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Arceuswerke, Munich, Germany.
Dominion Industries, 270 Parliament St., Toronto, Ont. EM 6-3666.

Argus Prods. Co., Inc., 301 Main St., Genoa, Ill.

Rutherford Agencies, P.O. Box 1013, St. Laurent, Montreal 9, Que. RI 7-5073; Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418 (West).

Arizona Telemetering Corp., 2939 East McDowell Rd., Phoenix, Ariz.
Mel Sales Ltd., Arnprior, Ont. Arnprior 400-401.

Arizona Tool & Die Co., P.O. Box 6155, 31 E. Rillito St., Tucson, Ariz.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto (Ont. & Que.).

Arnold Ceramics, Inc., 1 E. 57th St., New York 22, N.Y.

The Arnold Engrg. Co., P.O. Box G, Marenso, Ill.

Bayly Engrg. Ltd., Hunt St., Ajax, Ont. EM 2-3741 and 48 Sparks St., Ottawa, Ont. CE 2-9821.

Arnold Magnetics Corp., 4613 W. Jefferson Blvd., Los Angeles 16, Calif.

Arnoux Corp., 11924 W. Washington Blvd., Los Angeles, Calif.

Arios Engrg. Co., 2757 S. 28th St., Milwaukee 46, Wis. MI 5-6010.
F. F. Barber Machinery Div., 187-191 Fleet St. W., EM 3-9291; 1600 Berry St., Montreal, Que. VI 2-8215; 139 Tecumseh Blvd. W., Windsor, Ont. CL 3-2456; Hamilton JA 7-3691; Vancouver, T.A. 3539.

Assembly Products, Inc., Wilson Mills Rd., Chesterland 73, Ohio.
HA 3-4436.

Aeromotive Engineering Prods. Ltd., 147 Hymus Blvd., Pointe Claire, Montreal 33, Que. OX 7-0810.

Wolfgang Assmann GmbH, Bad Homburg, Germany.
The Ahear & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441.

Associated American Winding Machinery, 750 St. Ann's Ave., New York 56, N.Y. CY 2-5050 and 5935 W. Grand Ave., Chicago, Ill. TU 9-0700.

Associated Engrg. Corp., 65 Kent St., Brookline 46, Mass. AS 7-4664.

Associated Research, Inc., (Export Dept.), 549 W. Washington Blvd., Chicago 6, Ill. AN 3-6420.

Astron Corp., 255 Grant Ave., E. Newark, N.J.
Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.

Raymond Atchley, Inc., 2340 Sawtelle Blvd., Los Angeles 64, Calif.

Atkomatic Valve Co. Inc., 545 W. Abbott St., Indianapolis 25, Ind.

Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.

Atlantic Instruments, Inc., Alexandria, Va.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Atlantic Metal Hose, 308 Dyckman St., New York, N.Y.

Hope Machinery Co., 200 Dalhousie St., Toronto 2, Ont. EM 8-8579.

Atlantic Research Corp., 901 N. Columbus St., Alexandria, Va.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Atlas E-E Corp., 47 Prospect St., Woburn, Mass.

Desser E-E Ltd., 441 St. Francois Xavier, Montreal, Que. VI 5-6570.

Atlas Electric Prods., P.O. Box 1591, Erie, Pa.

Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Atlas Sound Corp., 1451 - 39th St., Brooklyn 18, N.Y.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Atlas Valve Co., 280-284 South St., Newark 5, N.J.

Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.

Atlas-Werke A.G., Postfach 9, Bremen, Germany.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

Atomic Accessories, Inc., 244-02 Jamaica Ave., Bellerose, N.Y.

Radionics Ltd., 8230 Mayrand St., Montreal 9, Que. RE 3-3937.

Atomic Labs, Inc., 3086 Claremont Ave., Berkeley 5, Calif.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. HU 3-6575 & 6676.

Atronic Prods., Inc., 1 Bala Ave., Bala-Cynwyd, Pa.

John Best Co., 96 Kipling Ave. N., Islington, Ont. BE 1-7633.

Audio Development Co., 2833 Thirtieth Ave. S., Minneapolis 7, Minn.

John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.

Audio Devices Inc., 444 Madison Ave., New York 22, N.Y.

Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303; Burt C. Porter Co., 1209 Poplar Pl., Seattle 44, Wash. EA 3-8330 (B.C.).

Audio Equipment Co., Inc., 805 Middle Neck Rd., Great Neck, N.Y. PO 7-8989.

National Sound Services Ltd., 1785 Bois Franc Rd., Montreal 9, Que. RI 7-6515.

Audio Fidelity, New York, N.Y.
Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418 (Alta., Sask. & B.C.)

Audio Instruments Co. Ltd., 133 W. 14th St., New York 11, N.Y.
 Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.

Austinit Ltd., Crawley, Sussex, England.
 Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Auth Electric Co., Inc., 34-20 45th St., Long Island City 1, N.Y.
 Prince & Roberts, 61 Charles St. W., Toronto, Ont. WA 1-5871.

The Autocall Co., Shelby, O.
 George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492.

Automatic Coil Co., Inc., 199 Sackett St., Brooklyn 31, N.Y. UL 2-5454.

Automatic Electric Co., North Lake, Ill.
 Automatic Electric Sales (Canada) Ltd., 185 Bartley Dr., Toronto 16, Ont. P. 7-2861. Branches in principal cities across Canada.

Automatic Mfg. Div., General Instrument Corp., 65 Gouverneur St., Newark 4, N.J.
 General Instrument - F. W. Sickles of Canada Ltd., 151 Weber St. S., P.O. Box 408, Waterloo, Ont. SH 4-8101.

Automatic Metal Prods. Corp., 315-323 Berry St., Brooklyn 11, N.Y.
 John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 (East).

Automatic Nut Co., Lebanon, Pennsylvania
 W. R. Watkins Co. Ltd., 41 Kipling Ave. S., Toronto 18, Ont. BE 3-2161.

Automatic & Precision Mfg. Co., 252 Hawthorne Ave., Yonkers 4, N.Y.

A. T. R. Armstrong Ltd., P.O. Box 38, Stn. "D", 700 Weston Rd., Toronto 9, Ont. RO 7-7535.

Automatic Telephone & Electric Co. Ltd., Strower House, 8 Arundel St., London, W.C. 2, England.

W. L. Dell, Automatic Telephone & Electric Co. Ltd., P.O. Box 575, St. John's, Nfld.; W. W. Langley, King Edward Sheraton Hotel, 37 King St. E., Toronto, Ont. EM 8-7474.

Automatic Timing & Controls, Inc., King of Prussia, Pa.

Associated Instrumentation & Controls Ltd., 2655 Bates Rd., Montreal 26, Que. RE 8-1167;
 Lisle Instrument Systems, 577 Eglington Ave. W., Toronto, Ont. HU 82782 and 100 Ballantyne Ave. S., Montreal, Que.

Automation Prods., Inc.
 Petro-Automation Industries Ltd., P.O. Box 72, Edmonton, Alta. GL 5-3673.

Autophone Ltd., 73 Great Peter St., London, S.W. 1, England.

D & B Sound & Signals, Inc., 39 Notre Dame St. E., Montreal 1, Que. UN 1-7141 (East); Peffer Sound Systems Ltd., 40 Maurice St., Kitchener, Ont. SH 3-2628.

Auto-Ponents, Inc., 3001 Grant St., Bellwood, Ill.
 Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.

Autotronics, Inc., Route 1, Box 812, Florissant, Mo.
 Constellation Components Co., 136 Tower Dr., Scarborough, Ont. PL 7-3359 and 17041 Omega Pl., St. Genevieve, Que. NA 6-5673.

Autron Engrg., Inc., 1254 W. Sixth St., Los Angeles 17, Calif.

Avien Inc., 58-15 Northern Blvd., Woodside, N.Y.
 Brian Engrs. Ltd., 5275 Van Horne Ave., Montreal, Que. RE 7-2800.

Avo Ltd., 92-96 Vauxhall Bridge Rd., London, S.W. 1, England.
 R. H. Nichols Ltd., 4544 Dufferin St., P.O. Box 500, Downsview, Ont. ME 3-8190; also Ottawa and Vancouver.

Avtron Mfg., Inc., 10409 Meech Ave., Cleveland 5, Ohio.
 Aircraft Appliances & Equipment Ltd., 585 Dixon Side Rd.,

Box 177, Weston, Ont. CH 4-5506-7-8.

B

Barbier, Benard & Turenne, Paris, France.

Beaconing Optical & Precision Materials Co. Ltd., 455 Craig St. W., Montreal, Que. UN 6-8395.

B & F Instruments, Inc., 4732 N. Broad St., Philadelphia 41, Pa.
 Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

BJ Electronics, Borg-Warner Corp., 3300 Newport Blvd., Santa Ana, Calif.

Instronics Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806.

B & K Mfg. Co., 3726 N. Southport Ave., Chicago 13, Ill.
 Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

B. & M. Electric Co., 168 7th St., Brooklyn 15, N.Y.
 William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-9201.

Babcock Relays, Inc., 1640 Monrovia Ave., P.O. Box 344, Costa Mesa, Calif. LI 8-7705.
 Philips Electronic Industries Ltd., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.

Bacon Felt Co., 427 Water St., Taunton, Mass.
 Empire Engineering Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.

Badische Anilin & Soda Fabrik, Ludwigshafen, Germany.
 German-Canadian Imp. Co., 3490 Oliver Asselin St., Montreal 9, Que. RI 4-6627; Pro Musica Ltd., 152-154 Pearl St., Toronto 1, Ont. EM 8-9633.

Bailey Meters & Controls Ltd., Purley Way, Croydon, England.
 Conway Electronic Enterprises Reg'd., 1514 Eglington Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Baird-Atomic, Inc., 33 University Rd., Cambridge, Mass.
 Ann. Marconi Co., 6035 Cote de Liesse Rd., Montreal, Que. RI 8-7711; Radionics Ltd., 8230 Mayrand St., Montreal, Que. RE 3-3937 (Atomic Instruments only—East & Man.); Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.

Balco Research Labs., 49-53 Edison Pl., Newark, N.J.

Baldwin Instrument Co. Ltd., Brooklands Works, Dartford, Kent, England.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

Ballantine Labs., Inc., 102 Fanny Rd., Boonton, N.J.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 3333 Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700.

Barber-Colman Co., 1856 Rock St., Rockford, Ill.
 John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824; Rousseau Controls Ltd., 640 De Courcelle St., Montreal 30, Que. WE 7-3521 and 2149 Yonge St., Toronto 7, Ont. HU 3-2776.

Barkelew Electric Mfg. Co., P.O. Box 167, Middletown, Ohio.
 Ward Leonard of Canada Ltd., 1070 Birchmount Rd., Box 70, O'Connor P.O., Toronto 16, Ont. PL 7-4131.

Barker & Williamson, Inc., Canal & Beaver Sts., Bristol, Pa.
 R. C. Kahner Sales Co. Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171 (East).

Barksdale Valves, 5125 Alcoa Ave., Los Angeles, Calif.
 Rousseau Controls Ltd., 640 De-courcelle St., Montreal 30, Que. WE 7-3521 and 2149 Yonge St., Toronto 7, Ont. HU 3-2776.

Barnes Development Co., 213 W. Baltimore Pike, Lansdowne, Penn.
 Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Barnstead Still & Demineralizer, Inc., 2 Lanesville Terr., Boston 31, Mass.

Van Water & Rogers Co. Ltd., Scientific Supplies Div., 2625 Skeena St., Vancouver 12, B.C. HE 3-0521.

Barry Controls, Inc., 700 Pleasant St., Watertown, Mass.
 Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.

Baso Inc., 730 N. Jackson St., Milwaukee 1, Wis. BR 3-5388.

Rex Bassett, Inc., 1314 N.E. 17th Court, Box 7127, Fort Lauderdale, Fla. LO 6-8416.

Bauscher & Co. K.G., Hamburg, Germany.
 The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441.

Beam-Echo Ltd., Witham, Essex, England.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa & Toronto.

Beaver Gear Works, Inc., 1025 Parmelee St., Rockford, Ill. 3-9691.

Beaver Labs., Inc., 187-61 Hollis Ave., Hollis 23, N.Y.
 Telequipment Mfg. Co. Ltd., Box 844, 729 Dundas St., London, Ont. GE 9-8871.

R & J Beck Ltd., 69-71 Mortimer St., London, W. 1, England.

Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Beckman Instruments, Inc., Berkeley Div., 2200 Wright Ave., Richmond, Calif.
 R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 3333 Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700.

Beckman Instruments, Inc., Process Instruments, 2500 Fullerton Rd., Fullerton, Calif.

Industro Corp., 297 Carlton St., Toronto 2, Ont. WA 1-2032.

Beckman Instruments, Inc., Scientific Instruments, 2500 Fullerton Rd., Fullerton, Calif.

Beckman Instruments, Inc., 3433 Bathurst St., Toronto, Ont. RU 1-5790; Van Waters & Rogers Co. Ltd., Scientific Supplies Div., 2625 Skeena St., Vancouver 12, B.C. HE 3-0521 (Alta. & B.C.).

Beckman Instruments, Systems Div., 325 N. Muller Ave., Anaheim, Calif.

Beede Electrical Instrument Co., Inc., Pensacola, N.H. PL 3-6362.

Behlman Engrg. Co., 2911 Winona Ave., Burbank, Calif.
 Electromechanical Prod., Markham Rd., Agincourt, Ont. AX 3-7011.

Belden Mfg. Co., P.O. Box 5070A, Chicago 80, Ill.
 White Radio Ltd., P.O. Box 463, Hamilton, Ont. JA 2-1716.

Bell & Howell, 7100 McCormick Rd., Chicago, Ill. AM 2-1600.
 Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Belling & Lee Ltd., Great Cambridge Rd., Enfield, Middx., England.

Astral Electric Co. Ltd., 44 Canforth Rd., Toronto 13, Ont. OX 1-1131.

Bendix Aviation Corp. (AEL); Bendix Products, Eclipse - Pioneer, Montrose, Pacific, Pioneer-Central, Red Bank, Scintilla and Utica Divisions.

Aviation Electric Ltd., 200 Laurentian Blvd., P.O. Box 6102, Montreal 9, Que. RI 4-2811.

Bendix Aviation Corp. (CDC); Cincinnati, Computer, Friez, Pacific and Red Bank Divisions.
 Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Theo Benning, Postfach 126, Rocholt Westf., W. Germany.
 The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.

Benson Lehner Corp., 11930 Olympic Blvd., Los Angeles 64, Calif.
 Computing Devices of Canada

Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Berkshire Electric Cable Co., Leeds, Mass.
 The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673; Electrolabs, 7385 St. Lawrence Blvd., Montreal, Que. CR 6-6076.

Bernd-Bach Inc., 6900 Romaine St., Hollywood 38, Calif.
 Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303; Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.

The Beryllium Corp., P.O. Box 1462, Reading, Pa.
 Peckover's Ltd., 115 McCormack St., Toronto 9, Ont. RO 2-8272 and 2052 St. Catherine St. W., Montreal, Que. WE 3-6717 (Ont. & Que.).

Besson & Robinson Ltd., 2 Ashley Place, London S.W.1, England.

Avionics Ltd., Stone Rd., P.O. Box 200, Niagara-on-the-Lake, Ont. HO 8-3632.

Best Products Ltd., Felixstowe, Suffolk, England.

E.M.I.-Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487.

Beta Div. of Sorensen & Co., Norwalk, Conn.
 Arva, 229 Rogers Bldg., 470 Granville St., Vancouver 2, B.C. MU 1-3367.

Beta Electric Corp., 333 East 103rd St., New York 29, N.Y.

Bayly Engrg. Ltd., Hunt St., Ajax, Ont. EM 2-3741 and 48 Sparks St., Ottawa, Ont. CE 2-9821.

Dr. Bernard Beyschlag, Post-schliessfach 128, (24b), Westerland/Sylt, Germany.

Associated Electronic Components, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.

Bird Electronic Corp., 1800 E. 35th St., Cleveland 14, Ohio. EX 1,3535.

Birmingham Sound Reproducers, Old Hill, Staffs., England.

Musimart of Canada, 901 Bleury St., Montreal, Que. UN 1-2856.

Birnback Radio Co., Inc., 145 Hudson St., New York 13, N.Y.
 Payette Radio Ltd., 730 St. James St. W., Montreal 3, Que. UN 6-6681.

The Birtcher Corp., 4371 Valley Blvd., Los Angeles 32, Cal. CA 2-9101.

Biwax Corp., 3445 Howard St., Skokie, Ill. OR 3-1050.

Bliley Electric Co., 200 Union Station Bldg., Erie, Pa.

C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man. SP 4-1955-6 (Lakehead).

Blonder-Tongue Labs., Inc., 9-25 Alling St., Newark 2, N.J.

E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225 (East); Telequipment Mfg. Co. Ltd., P.O. Box 844, London, Ont. GE 9-8871.

Bodnar Industries, Inc., 238 Huguenot St., New Rochelle, N.Y.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Bosch Mfg. Co. Inc., 45 River St., Danbury, Conn.

Bayly Engrg. Ltd., Hunt St., Ajax, Ont. EM 2-3741 and 48 Sparks St., Ottawa, Ont. CE 2-9821.

Bogart Mfg. Corp., 315 Seigel St., Brooklyn 6, N.Y. HY 7-4972.

David Bogen Co., Inc., P.O. Box 500, Paramus, N.J.

John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 (East); Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231 (West).

Bomac Labs., Inc., Salem Rd., Beverly, Mass.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 3333 Cavendish Bldg., Montreal, N.D.G., Que. HU 1-0700.

Boonton Electronics Corp., 738 Speedwell Ave., Morris Plains, N.J.
 Mel Sales Ltd., Arnprior, Ont. Arnprior 400-401.

- Boonton Radio Corp.**, Intervale Rd., Boonton, N.J.
Bayly Engrg. Ltd., Hunt St., Ajax, Ont. EM 2-3741 and 48 Sparks St., Ottawa, Ont. CE 2-9821.
- Borg Equipment Div., Amphenol-Borg Electronics Corp.**, 120 S. Main St., Janesville, Wis.
Atlas Radio Corp. Ltd., 50 Wingfold Ave., Toronto 19, Ont. RU 1-6174.
- Don Bosco Electronics Co.**, Plainfield, N.J.
 Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.
- Boulevard Electronics, Inc.**, 1229 West Washington Blvd., Chicago 7, Ill.
 J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Eric Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.
- Bouras Labs., Inc.**, P.O. Box 2112, 6135 Magnolia Ave., Riverside, Calif.
 Douglas Randall (Canada) Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291; Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.
- Bowmar Instrument Corp.**, P.O. Box 2835, 8000 Bluffton Rd., Fort Wayne, Ind.
 Aeromotive Engrg. Prods., 5257 Queen Mary Rd., Montreal, Que. EL 9602 (East).
- Bozak Sales Co.**, Darien, Conn.
 Applied Electronics, 434 Church St., Mamico, Toronto 14, Ont. CL 1-8451.
- Brandenburg Ltd.**, 139 Sanderstead Rd., S. Croydon, Surrey, England. Sanderstead 355-6.
- Bradford Metalmaster**, 3646 Llewellyn St., Cincinnati, Ohio.
 Hope Machinery Co., 200 Dalhousie St., Toronto 2, Ont. EM 3-8579.
- Bradley Semi-Conductor, Inc.**, P.O. Box 1451, New Haven 11, Conn.
 Wholesale Radio & Electronics Ltd., 66 Orfus Rd., Toronto 19, Ont. RU 7-1271.
- W. H. Brady Co.**, 727 West Glendale Ave., Milwaukee 9, Wis.
 Andrew Gilchrist Ltd., 155 Decarie Blvd., P.O. Box 322, St. Laurent, Que. RI 4-5596; Northern Electric Co. Ltd., 1600 Dorchester St. W., Montreal, Que. WE 7-6071. Branches in principal cities across Canada. U.S. Supply Co., 54 Princess St., Winnipeg, Man. WH 3-3403.
- C. S. Brainin Co.**, 320 Washington St., Mount Vernon, N.Y. MO 8-5500.
- Branson Corp.**, S. Jefferson Rd., Whippary, N.J.
 General Communications Ltd., 980 O'Connor Dr., Toronto 16, Ont. PL 5-0771.
- Branson Instruments Inc.**, 37 Brown House Rd., Stamford, Conn.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367 also at Ottawa and Toronto, (Ont. & Que.); Inman Industries Ltd., 2060 W. 10th Ave., Vancouver 9, B.C. RE 6-0144 and 5307-1st St. S.E., Calgary, Alta. CH 3-3333.
- Branson Ultrasonic Corp.**, 37 Brown House Rd., Stamford, Conn.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.
- Geo. Bray & Co. Ltd.**, Leicester Pl., Leeds 2, England. 20981.
- Breeze Corp.**, Inc., 700 Liberty Ave., Union, N.J.
 Avenirco of Canada Ltd., 1980 Sherbrooke St. W., Montreal, Que. WE 7-9531-32 and 109 Eglinton Ave. E., Toronto, Ont.
- Bridgeport Insulated Wire Co.**, Bridgeport, Conn.
 Hawkesbury Wire Co. Ltd., Box 507, Hawkesbury, Ont. ME 2-3511.
- The Bristol Co.**, P.O. Box 1790, Waterbury, Conn.
 The Bristol Co. of Canada Ltd., 71-79 Duchess St., Toronto 2, Ont. EM 3-3421.
- Bristol Motor Div.**, Vocaline Co. of America, Old Saybrook, Conn.
 A. T. R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D", Toronto 9, Ont. RO 2-7535.
- British Communication Corp.**, Exhibition Grounds, Wembley, Middx., England.
 Radio Communications Equipment & Engrg. Ltd., 850 Fifth Ave., Lachine, Montreal 32, Que. ME 7-3743.
- British Electric Resistance Co. Ltd.**, The Queensway, Enfield, Middx., England.
 Canadian Electric Resistors Ltd., Curley Ave., Toronto 16, Ont. PL 5-1891.
- British Ferrograph Recorder Co. Ltd.**, 131 Sloane St., London, S.W.1, England.
 Astral Electric Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.
- The British Rototherm Co. Ltd.**, Merton Abbey, London S.W.19, England.
 The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.
- The British Thomson-Houston Co. (Canada) Ltd.**, 766 King St. W., Toronto, Ont. EM 4-9821.
 Upton Braden and James Ltd., 890 Yonge St., Toronto 5, Ont. WA 4-5751; E. M. I.-Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487.
- British Physical Labs.**, Radlett, Herts., England.
 R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 6201 Cote St. Luc Rd., Montreal, Que. DE 0845.
- Brooks Rotameter Co.**, P.O. Box 432, Lansdale, Pa.
 Keith Mercer Co. W., Ltd., 5165 Sherbrooke St. W., Montreal, Que. DE 8411 and P.O. Box Station K, 876 Eglinton Ave. E., Toronto, Ont. HU 8-5831 (Ont., Que. & Maritimes).
- S. G. Brown Ltd.**, Shakespeare St., Watford, Herts., England.
 Atlantic Films & Electronics Ltd., 22 Prescott St., St. John's, Nfld. (Nfld.); S. G. Brown (Canada) Ltd., 356-358 Youville St., Montreal, Que. VI 5-4255 (East); Navigation Equipment Services, 3716 West 15th Ave., Vancouver, B.C. (West); Electro Labs, 7385 St. Lawrence Blvd., Montreal, Que. CR 6-6076.
- A/S Bruel & Kjaer**, Lindealle 23, Naerum, Denmark.
 R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 3333 Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700.
- The Bruning Co.**, Box 147, Lincoln, Neb.
 Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276 (Ont.).
- Brush Instruments, Div. of Clevite Corp.**, 3405 Perkins Ave., Cleveland 14, O.
 Bayly Engrg. Ltd., Hunt St., Ajax, Ont. EM 2-3741 and 48 Sparks St., Ottawa, Ont. CE 2-9821; A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311 (Surface analysers and comparators).
- Buchanan Electrical Prods. Corp.**, 225 Route 22, Hillside, N.J.
 Gas Accumulator Co. (Canada) Ltd., 12 Gower St., Toronto 16, Ont. PL 5-5297.
- Bucklers (Uvral) Ltd.**, London, England.
 Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.
- Bud Radio, Inc.**, 2118 E. 55th St., Cleveland 3, Ohio.
 Tenatronics Ltd., Davis Dr. E., P.O. Box 659, Newmarket, Ont. TW 5-4583.
- Budelman Electronics Corp.**, 375 Fairfield Ave., Stamford, Conn.
 Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.
- H. H. Buggie, Inc.**, P.O. Box 817, Toledo, Ohio.
- A. F. Bulgin & Co. Ltd.**, Essex, England.
 Pfeiffer Electronic Labs., Box 316, Trenton, Ont. EX 2-3498.
- Bulova Watch Co.**, Electronics Div., 62-10 Woodside Ave., Woodside 77, N.Y.
 Bechey Enterprises, 1162 Main St. N., Weston, Ont. CH 4-8051.
- Burnell & Co., Inc.**, 10 Pelham Parkway, Pelham Manor, N.Y.
 M. J. Howard & Co. Ltd., 1206 Bank St., Ottawa, Ont. CE 5-9931 (East); Ray Johnston Co., 1011 East 69th St., Seattle 15, Wash. LA 4-5170 (West).
- Burr Brown Corp.**, Route 4, Box 6444, Tucson, Ariz.
 Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.
- Burroughs Corp.**, Electronic Tube Div., P.O. Box 1226, Plainfield, N.J., PL 6-0876.
- Burton-Rogers Co.**, 42 Carlton St., Cambridge 42, Mass., EL 4-1643.
- Bussmann Mfg. Div., McGraw-Edison Co.**, University at Jefferson St., Louis 7, Mo.
 Great Lakes Electrical Specialties Ltd., Algic Ave., Toronto 14, Ont. CL 1-6581.
- Bytex Corp.**, 294 Centre St., Newton, Mass.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto (East).

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- CBC Electronic Prods.**, Philadelphia, Pa.
 William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-9201.
- CBS Electronics, Div. of Columbia Broadcasting System, Inc.**, 100 Endicott St., Danvers, Mass. SP 4-2360; 1990 N. Mannheim Rd., Melrose Park, Ill. ES 9-2100; 32 Green St., Newark, N.J. MA 3-5832; 2120 S. Garfield Ave., Los Angeles 21, Calif. RA 3-9081.
- C.E.M. Co.**, 24 School St., Danielson, Conn.
 H. A. Ness & Co., 48 Lavinia Ave., Toronto 3, Ont. RO 2-2893.
- C. G. Electronics Corp.**, Albuquerque, N.M.
 Titania Electric Corp. of Canada Ltd., P.O. Box 672, Gananoque, Ont., Gananoque 81.
- CWS Waveguide Corp.**, Amityville, L.I., N.Y.
 Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.
- Caledonia Electronic & Transformer Corp.**, Box 98, Caledonia, N.Y.
 Hackbusch Electronics Ltd., 23 Primrose Ave., Toronto 4, Ont. LE 1-2453.
- Caldyne Co.**, 120 Cross St., Winchester, Mass.
- Callifone Corp.**, 1041 N. Sycamore, Hollywood, Calif.
 Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.
- California Computer Prods., Inc.**, 8714 Cleta St., Downey, Calif., WA 3-1913.
- California Technical Industries, Div. of Textron, Inc.**, 1421 Old County Rd., Belmont, Calif.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367 (East), also at Ottawa and Toronto.
- Cambridge Instrument Co. Ltd.**, 13 Grosvenor Pl., London, S.W.1, England.
 R. H. Nichols Ltd., 4544 Dufferin St., P.O. Box 500, Downsview, Ont. ME 3-8190; also at Ottawa and Vancouver.
- Cambridge Thermionic Corp.**, 445 Concord Ave., Cambridge, Mass.
- Cambridge Thermionic of Canada Ltd.**, 2425 Grand Blvd., Montreal 28, Que. HU 8-8321.
- Camille Bauer Ltd.**, 18 Dornacher St., Basle, Switzerland.
 The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.
- The Capitol Machine Co.**, 36 Balmforth Ave., Danbury, Conn.
 John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129.
- Carad Corp.**, 2850 Bay Rd., Redwood City, Calif. EM 8-2969.
- The Carborundum Co.**, P.O. Box 268, Perth Amboy, N.J.; Globar Plant, Niagara Falls, N.Y.; Latrobe Plant, Latrobe, Pa.
 Williams & Wilson Ltd., 71 Front St. E., Toronto, Ont. EM 3-8731. Also at Windsor, Ottawa, Montreal, Quebec City.
- Cardwell Condenser Corp.**, 97 Whiting St., Plainville, Conn.
 Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.
- Carling Electric, Inc.**, 505 New Park Ave., West Hartford 10, Conn.
 John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 (Ont.).
- Carter Motor Co.**, 2711 W. George St., Chicago 18, Ill.
 Northwestern Agencies, Inc. 4130 First Ave. S., Seattle 4, Wash. MA 4-8882 (B.C.); Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont. (Canada except B.C.).
- Carter Parts Co.**, 3401 Madison, Skokie, Ill.
 John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 (East).
- Cascade Research, Div. of Monogram Precision Industries, Inc.**, 53 Victory Lane, Los Gatos, Calif.
 Microwave Systems, 42 Crookford Blvd., Scarborough, Ont. PL 5-0763 (Microwave Ferrite Components Including BWO); Radio Valve Co., 189 Dufferin St., Toronto 3, Ont. LE 4-6311 (Tube Prods. except BWO).
- Case Bros.**, Manchester, Conn.
 Paisley Prods. of Canada Ltd., P.O. Box 159, Stn. H., Toronto, Ont. PL 2216-7-8.
- Castell Locks Ltd.**, Kingsbury Works, London N.W.9, England.
 George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492.
- A. E. Cawell & Co. Ltd.**, 6/7 Victory Arcade, Southall, Middlesex, England.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.
- Cedco Electronics, Inc.**, Erie, Pa.
 A. T. R. Armstrong Ltd., P.O. Box 38, Stn. "D", 700 Weston Rd., Toronto 9, Ont. RO 2-7535.
- Celestial Tapes**, 120 W. Thomas St., Seattle, Wash.
 Ron Merritt Co., Room G.7, Marine Bldg., 385 Burrard Ave., Vancouver 2, B.C. MU 1-3367 (West).
- Central Electronics, Inc.**, 1247 W. Belmont St., Chicago 13, Ill.
 Robert J. Buckland Co., 56 Water St., Chatham, Ont. EL 4-3106 (East).
- Centralab Div., Globe-Union, Inc.**, 900 E. Keefe Ave., Milwaukee 1, Wis.
 F. J. Heenan Ltd., 669 Bayview Ave., Toronto 17, Ont. HU 1-2291 (East); D. Eldon McLennan, 1624 W. 3rd Ave., Vancouver 9, B.C. BA 2898 (West).
- Century Electronics and Instruments, Inc.**, 1333 No. Utica, Tulsa, Okla.
 The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 125 Laird Blvd., Montreal, Que. RE 8-7605.
- Chadwick-Helmuth Co.**, 472 E. Duarte Rd., Monrovia, Calif.
 Bechey Enterprises, 1162 Main St. N., Weston, Ont. CH 4-8051.

- C. T. Chapman (Reproducers) Ltd.**, High Wycombe, Bucks, England.
Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.
- Charles Engrg., Inc.**, 6053½ Melrose, Hollywood 38, Calif.
- J. J. MacQuarrie Sales**, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Eric Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.
- Chassis-Trak, Inc.**, 525 S. Webster Ave., Indianapolis 19, Ind.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto (Ont. & Que.).
- Chemalloy Electronics Corp.**, Gillespie Airport, Santee, Calif.
Associated Enterprises, 10729 University Ave., Edmonton, Alta. (West); Bechey Enterprises, 1162 Main St. N., Weston, Ont. CH 4-8051.
- Chemo-Products, Inc.**, W. Warwick, R.I.
Alec W. Andrews & Associates, 1239 Tecumseh Pk., Port Credit, Ont. CR 8-3478.
- Cherry Electrical Prods. Corp.**, 1650 W. Deerfield Rd., Highland Park, Ill.
Barry Electric Ltd., 346 Bering Ave., Toronto 18, Ont. BE 3-8901.
- Chicago Industrial Instrument Co.**, 865 N. Sangamon St., Chicago 22, Ill.
Electrolabs, 7385 St. Lawrence Blvd., Montreal, Que. CR 6-6076.
- Chicago Miniature Lamp Works**, 1500 N. Ogden Ave., Chicago 10, Ill. MO 4-1741.
Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- Chicago Molded Prods. Corp.**, 1020 N. Kolmar Ave., Chicago 51, Ill.
Paisley Prods. of Canada Ltd., P.O. Box 159, Stn. H., Toronto, Ont. PL 2216-7-8.
- Chicago Telephone Supply Corp.**, 1142 W. Beardsley Ave., Elkhart, Ind.
C. C. Meredith & Co., 80 Thomas St., Streetsville, Ont. TA 6-1141 and Toronto AT 9-4491.
- Chirana Corporation**, Prague VII, Czechoslovakia.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- Chloride Electrical Storage Co. Ltd.**, 50 Grovenor Gardens, London, S.W.1, England.
Hart Battery Co. Ltd., Box 550, St. Johns, Que. 7-2325-6-7.
- Christie Electric Corp.**, 3410 W. 67th St., Los Angeles 43, Calif.
Aeromotive Engrg. Prods., 5257 Queen Mary Rd., Montreal, Que. EL 9602 and 2543 Gerrard St. E., Toronto, Ont. OX 9-4621 (East).
- Churchill Chemical Corp.**, 3137 E. 26 St., Los Angeles, Calif.
Willard Spenser Co., 3238 Curry Ave., Windsor, Ont. YO 9-1332.
- Churchill Lighting Corp.**, 344 Franklin St., Melrose, Mass.
Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- Cinch Mfg. Corp.**, 1026 S. Homan Ave., Chicago, Ill.
United-Carr Fastener Co. of Canada Ltd., 231 Gage Ave. N., Hamilton, Ont. LI 4-5791.
- Cinema Engrg.**, Div. of Aerovox Corp., 1100 Chestnut St., Burbank, Calif.
Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.
- Circon Component Co.**, Santa Barbara Municipal Airport, Goleta, Calif.
- Circuit Instruments, Inc.**, 2801 Anvil St., St. Petersburg, Fla.
- Circuit Mfg. Co.**, 923 Shadeland Ave., Drexell Hill, Penna.
- C. P. Clare & Co.**, 3101 Pratt Blvd., Chicago 45, Ill.
- C. P. Clare Canada Ltd.**, 2700 Jane St., P.O. Box 73, Toronto 15, Ont. ME 3-6793.
- H. Clarke & Co. (Manchester) Ltd.**, Atlas Works, George St., Patricroft, Manchester, England.
Canadian Wilbur B. Driver Co. Ltd., 85 King St. E., Toronto 1, Ont. EM 2-1451.
- Claroat Mfg. Co., Inc.**, Dover, N. H.
Canadian Marconi Co., Electronic Tube & Components Div., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221.
- Clary Corp.**, 408 Junipero St. San Gabriel, Calif.
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.
- Clary Dynamics Corp.**, 408 Junipero St., San Gabriel, Calif.
Aeromotive Engrg. Prods. Ltd., 147 Hymus Blvd., Pointe Claire, Montreal 33, Que. OX 7-0810 and 1912A Avenue Rd., Toronto, Ont. RU 3-4288.
- Cletron, Inc.**, 1974 East 61st St., Cleveland, Ohio.
Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 8-1854.
- The Cleveland Container Co.**, 6201 Barberton Ave., Cleveland 2, O.
Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216 and 11767 Pelletier Ave., Montreal, Que. DA 2-4756.
- Clevite Transistor Prods.**, 241 Crescent Rd., Waltham 54, Mass.
The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.
- Clough-Brengle Co.**, 6014 N. Broadway, Chicago, Ill.
Hackbusch Electronics Ltd., 23 Primrose Ave., Toronto 4, Ont. LE 1-2453.
- Coast Pro-Seal & Mfg. Co.**, 2235 Beverly Blvd., Los Angeles, Calif.
Aviquip of Canada Ltd., 636 St. Paul St. W., Montreal 3, Que. UN 6-4067 and 109 Eglinton Ave. E., Toronto, Ont. HU 3-1211.
- Coaxial Connector Co. Inc.**, 37 N. 2nd Ave., Mount Vernon, N.Y. MO 8-6416.
- Coil Winders, Inc.**, Westbury, L. I. N.Y.
E. G. Lomas, 277 Laurier Ave. W., Ottawa, Ont. CE 2-8504.
- Coil Winding Equipment Co.**, 19 Maxwell Ave., Oyster Bay, N.Y. OX 6-1285.
- Coleman Engrg. Co. Inc.**, 3500 Torrance Blvd., Torrance, Calif.
- Coleman Instruments, Inc.**, 318 Madison St., Maywood, Ill.
Van Waters & Rogers Co. Ltd., Scientific Supplies Div., 2625 Skeena St., Vancouver 12, B.C. HE 3-0521 (Alta. & B.C.).
- Collaro Ltd.**, Ripple Works, By-Pass Rd., Barking, Essex, England.
A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111; Collaro-Audiovision Sales, 1306 Seymour St., Vancouver 2, B.C. (B.C.).
- Colman Tool & Machine Co.**, 1017 N.E., 3rd Ave., Amarillo, Tex.
William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-9201.
- Columbia Tape Mills**, Bank St., E. Greenville, Pa.
Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216 and 11767 Pelletier Ave., Montreal, Que. DA 2-4756.
- Columbia Technical Corp.**, 61-02 31st Ave., Woodside 77, N.Y. AS 8-7401.
- Colvern Ltd.**, Romford, Essex, England.
Tinsley Instruments (Canada) Ltd., P.O. Box 99, Churchill Cres., Smiths Falls, Ont. 2539.
- Colvin Labs., Inc.**, 364 Glenwood Ave., East Orange, N.J.
Aeromotive Engrg. Prods. Ltd., 147 Hymus Blvd., Pte. Claire, Montreal 33, Que. OX 7-0810 and 1912A Avenue Rd., Toronto, Ont. RU 3-4288.
- Comar Electric Co.**, 3349 W. Addison St., Chicago, Ill.
McSmart of Canada, 901 Bleury St., Montreal, Que. UN 1-2856.
- Commercial Plastics Co.**, 933 George St., Chicago 14, Ill.
- Communication Measurements Lab. Inc.**, 350 Leland Ave., Plainfield, N.J.
Mel Sales Ltd., Arnprior, Ont. 400.
- Communications Prods. Co., Inc.**, Marlboro, N.J.
Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.
- Compagnie Crouzet**, 11 rue J. J. Rousseau, Valence - Sur - Rhone, France.
Canadian Applied Research Ltd., 1500 O'Connor Dr., Toronto 16, Ont. PL 9-2241.
- Compagnie Francaise Horison**, 58 Rue d'Hauteville, Paris 10, France.
General Sound & Theatre Equipment Ltd., 861 Bay St., Toronto 5, Ont. EM 4-2438.
- Compagnie Générale d'Electro-Ceramique**, 12 Rue de la Baume, Paris (8e), France.
Titania Electric Corp. of Canada Ltd., P.O. Box 672, Gananouque, Ont., Gananouque 81.
- Computer Control Co., Inc.**, 225 Old Connecticut Path, Framingham, Mass. CE 5-6220; and 225 Barry Ave., Los Angeles 64, Calif. GR 8-0481 and BR 2-9135.
- Computer Measurements Corp.**, 2258 Vineland Ave., N. Hollywood, Calif.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.
- Conant Labs.**, 6500 'O' St., Box 3997, Bethany Stn., Lincoln 5, Nebr.
James Grogan, 50 Yarmouth Rd., Toronto, Ont. LE 6-3684.
- Condenser Prods. Co.**, c/o Terminal Radio Int'l. Ltd., 135 Liberty St., New York 6, N.Y.
Aeromotive Engrg. Prods. Ltd., 147 Hymus Blvd., Pointe Claire, Que. and 1912A Avenue Rd., Toronto 12, Ont. RU 3-4288.
- The Connecticut Hard Rubber Co.**, 407 East St., New Haven 9, Conn. SP 7-3631.
- Connector Corp.**, 6025 N. Keystone Ave., Chicago, Ill.
William M. Hummel, P.O. Box 190, 150 Pinewood Trail, Port Credit, Ont. CR 8-7666.
- Conrac, Inc.**, 19217 Foothill Blvd., Glendora, Calif.
Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103; H. Roy Gray Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.
- Conrad, Inc.**, 141 Jefferson St., Hickman, Mich.
Beechey Enterprises, 1162 Main St. N., Weston, Ont. CH 4-8051.
- Consolidated Controls Corp.**, Bethel, Conn.
Aviquip of Canada Ltd., 1890 Sherbrooke St. W., Montreal, Que. WE 7-9531-32.
- Consolidated Electrodynamic Corp.**, Rochester Div., 1775 Mt. Read Blvd., Rochester 3, N.Y. GL 3-7972.
- Consolidated Resistance Co. of America, Inc.**, 44 Prospect St., Yonkers, N.Y.
E. E. Whittaker, 2137 Niagara Drive, Ottawa, Ont. CE 4-4686.
- Consolidated Wire & Associated Co.**, 1635 S. Clinton St., Chicago 16, Ill.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174; Roger M. Minthorne Co., 0673 S.W. Taylors Ferry Rd., Portland 19, Ore. CH 6-4556.
- L. L. Constantin & Co.**, Franklin Ave., Rt. 46, Lodi, N.J.
A. T. R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D," Toronto 9, Ont. RO 2-7535.
- Continental Carbon, Inc.**, 5225 Greene St., Philadelphia 44, Pa.
Roger M. Minthorne Co., 0673 S.W. Taylors Ferry Rd., Portland 19, Ore. CH 6-4556; Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- Continental Connector Corp.**, Northern Blvd. at 45th St., Long Island City 1, N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174; United Aviation Electronics Ltd., 205 Yonge St., Toronto 1, Ont. EM 4-9886.
- Continental Electric Co.**, 6 N. Michigan Ave., Chicago, Ill.
United Aviation Electronics Ltd., 205 Yonge St., Toronto 1, Ont. EM 4-9886.
- Continental Electronics Mfg. Co.**, 4212 S. Buckner Blvd., Dallas 27, Texas.
Northern Electric Co. Ltd., 1600 Dorchester St. W., Montreal, Que. WE 7-6071. Branches in principal cities across Canada.
- Control, A Div. of Magnetics, Inc.**, Box 391, Butler, Pa. 73-787.
- Control Corp.**, 718 Central Ave., N.E., Minneapolis 14, Minn.
R. H. Nichols Ltd., 4544 Dufferin St., P.O. Box 500, Downsview, Ont. ME 8-1890; also at Ottawa and Vancouver.
- Control Electronics Co., Inc.**, 10 Steyer Pl., Huntington Stn., L.I., N.Y.
ElectroDesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367 (Ont. & Que.).
- Control Panel Corp.**, 517 W. Monroe St., Chicago 6, Ill.
Petro-Automation Ind. Ltd., P.O. Box 72, Edmonton, Alta. GL 5-3673 (West).
- Control Prods., Inc.**, 306 Sussex St., Harrison, N.J.
Aeromotive Engineering Prods., 5257 Queen Mary Rd., Montreal, Que. EL 9602 and 2543 Gerrard St. E., Toronto, Ont. OX 9-4621.
- Frank R. Cook Co.**, 3850 Olive St., Denver 7, Colo. DU 8-4836 and 80 North Franklin, Hemstead, L.I., N.Y., IV 1-9550.
- Co-Operative Industries, Inc.**, 100 Oakdale Rd., Chester, N.J., CH 255.
Arthur O. Secord, 54 Baby Point Rd., Toronto 8, Ont. RO 2-1078; E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.
- Cornell-Dubilier Elec. Corp.**, 333 Hamilton Blvd., So. Plainfield, N.J.
Northwestern Agencies, Inc., 4130 First Ave., S. Seattle 4, Wash., MA 4-8882; Rutherford Agencies, P.O. Box 1013, St. Laurent, Montreal 9, Que. RI 7-5073.
- Corning Glass Works**, Electrical Prods. Div., Bradford, Pa.
Erie Resistor of Canada Ltd., 7 Fraser Ave., Trenton, Ont. EX 2-6524 and Toronto EM 2-3315.
Sales office: 4972 Dundas St. W., Islington, Ont. BE 1-1712.
- Corson Electric Mfg. Corp.**, 540-39th St., Union City, N.J. UN 6-4227.
- Cosmo Plastics Co.**, 3239 W. 14th St., Cleveland 9, O.
Alec W. Andrews & Associates, 1239 Tecumseh Pk., Port Credit, Ont. CR 8-3478; Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216 and 11767 Pelletier Ave., Montreal, Que. DA 2-4756.
- Cosmocord Ltd.**, Waltham Cross, Herts., England.
The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673; Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.
- Cossor Instruments Ltd.**, Cossor House, Highbury Grove, London, N.5, England.
E. M. I. - Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487; 72 Grenville St., Toronto, Ont. WA 3-7611; 8230 Maynard St., Montreal, Que. RE 3-6502.
- The S. H. Couch Co., Inc.**, 3 Arlington St., North Quincy, 71, Mass.
D. & B. Sound & Signals, Inc., 39 Notre Dame St. E., Montreal 1, Que. UN 1-7141 (East).

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- Couch Ordnance, Inc.**, 3 Arlington St., North Quincy, Mass.
- Leonard Electric Ltd.**, 346 Bering Ave., Toronto 18, Ont. BE 1-2731.
- Coulter Industrial Sales Co.**, Elm-hurst, Ill.
 Industrious Corp., 297 Carlton St., Toronto 2, Ont. WA 1-2032.
- Clive Courtney & Co. Ltd.**, Eng-land.
 Electrolabs, 7385 St. Lawrence Blvd., Montreal, Que. CR 6-6076.
- Craig Systems, Inc.**, 360 Merrimack St., Lawrence, Mass. MU 8-6961.
- Cramer Controls Corp.**, Centerbrook, Conn.
 Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Mont-real, Que. RI 4-0165.
- Creative Electronics**, 94 Lincoln Ave., Stamford, Conn.
- Crescent Engrg. & Research Co.**, 5440 N. Peck Rd., El Monte, Calif.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto (Ont. & Que.).
- Crest Instrument Co.**, 11808 S. Bloomfield Ave., Santa Fe Springs, Calif.
- Crosby Labs., Inc.**, P.O. Box 233, Robbins Lane, Hicksville, N.Y.
- Crowell Designs**, New Jersey, U.S.A.
 Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Mont-real, Que. RI 4-0165.
- Crowley Div., Aerovox Corp.**, West Orange, N.J.
 Aerovox Canada Ltd., 1551 Barton St. E., Hamilton, Ont. LI 5-1186.
- Crown Controls Co. Inc.**, 40 S. Washington St., New Bremen, O.
 E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225, also London, Winnipeg and Vancouver.
- Crown Industrial Prods. Co.**, Wood-stock, Ill.
 Irving Smith Ltd., 2095 Madison Ave., Montreal 28, Que. HU 4-1153.
- Croydon Instruments**, 116 Wind-mill Rd., Croydon, Surrey, England.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Tor-onto.
- Croydon Precision Instrument Co.**, Hampton Rd., West Croydon, Sur-rey, England.
 The Glendon Co. Ltd., Instru-ment Div., 44 Wellington St. E., Toronto, Ont. EM 6-5673.
- Crucible Steel Co. of America**, P.O. Box 2518, Pittsburgh 30, Pa.
 Railway & Power Engineering Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741.
- Cubic Corp.**, 5575 Kearny Villa Rd., San Diego 11, Calif.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367 also at Ottawa and Toronto.
- James Cunningham Son & Co. Inc.**, 33 Lichfield St. Rochester, N.Y.
- Curtis Development & Mfg. Co.**, 3268 N. 33rd St., Milwaukee, Wis.
 A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto Ont. HU 5-9111.
- Curtiss Wright Corp.**, New York N.Y., and 631 Central Ave., Carl-stadt, N.J.
 Canadian Curtiss-Wright Ltd., 1980 Sherbrooke St. W. Mont-real Que. WE 7-6117.
- Curtiss Wright Thermal Device Div.**, Carlstadt, N.J.
 Consolidated Electronic Equip-ment Co. Ltd., 94 Sheppard Ave. W., Willowdale, Ont. BA 5-6921.
- Custom Components, Inc.**, P.O. Box 248 Caldwell, N.J.
 Lake Engrg. Co. Ltd., 123 Man-ville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- D & M Prods.**, 13144 W. Mc-Nichols Rd., Detroit 35, Mich.
- Dage Corp.**, 219 E. 44th St., New York 17, N.Y. MU 2-6755.
- Dage Electric Co., Inc.**, 67 N. Second St., Beech Grove, Ind.
 Simmonds Aerocessories of Can-ada Ltd., 637 Parkdale Ave. N., Hamilton, Ont. LI 9-1381.
- Daiwa Tape Recorders, Japan.**
 Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231.
- Dale Prods., Inc.**, Box 136, 1318 28th Ave., Columbus, Neb.
 Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.
- A/S Danavox**, 112 Lersøe Parkalle, Copenhagen, Denmark.
 Associated Electronic Compon-ents, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.
- A/S Dambridge**, 60C Frederiks-sundsvej, Copenhagen N. V., Denmark.
 The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.
- Danbury Knudsen Co.**, P.O. Box 170, 15-25 Thorpe St., Danbury, Conn.
 The Glendon Co. Ltd., 44 Wel-lington St. E., Toronto, Ont. EM 6-5673.
- Danly Machine Specialties**, 2100 S. Laramie Ave., Chicago, Ill.
 Hope Machinery Co., 200 Dal-housie St., Toronto 2, Ont. EM 3-8579.
- Danochemo A/S**, 72 Blegdamsvej, Copenhagen O, Denmark.
 The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.
- Dansk Ventil Industri**, Gladsaxevej 120, Soborg, Copenhagen, Den-mark.
 Associated Electronic Compon-ents, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.
- Darling Technical Labs.**, Costa Mesa, Calif.
 Rutherford Agencies, P.O. Box 1013, St. Laurent, Montreal 9, Que. RI 7-5073.
- Data Instruments Div., Telecom-puting Corp.**, 12838 Satcoy St., North Hollywood, Calif.
- Datrel Co.**, 520 Fifth Ave., New York, N.Y.
- The Daven Co.**, Route 10, Living-ston, N.J.
 Adams Engrg. Ltd., 1500 St. Catherine St. W., Montreal 16, Que. WE 3-6857.
- Harry Davies Molding Co.**, 1428 N. Wells St., Chicago 10, Ill.
 Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Dave Instruments Ltd.**, 99 Ux-bridge Rd., London W.5, England.
 E.M.I.-Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487.
- Daymar Electronics Specialties**, 6655 S. Mozart St., Chicago, Ill.
 Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Dayton Aircraft Prods., Inc.**, 812 N.W. First St., Ft. Lauderdale, Fla.
 United Aviation Electronics Ltd., 205 Yonge St., Toronto 1, Ont. EM 4-9886.
- Daytoney Corp.**, 216 S. Main St., Dayton, O.
 A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.
- Dearborn Electronic Labs.**, 1421 N. Wells St., Chicago 10, Ill., WH 3-2412.
- Decra Radar Ltd.**, London, Eng-land.
 Decra Radar (Canada) Ltd., 23 Six Points Rd., Toronto 18, Ont. BE 2-1161.
- Decker Engrg. Corp.**, 7706 Melrose Ave., Los Angeles 46, Calif.
 W. Hobson & Associates, 1024 Notre Dame St., Lachine, Que. ME 7-1231. (East Ont. & Que.).
- Dee Electric Co.**, 1648 W. Hadden St., Chicago 22, Ill. BE 5-5151.
- Defiance Engrg. & Microwave Corp.**, P.O. Box 488, Beverly Air-port, Beverly, Mass.
 Avionics of Canada Ltd., Box 200, Stone Rd., Niagara-on-the-Lake, Ont. HO 8-3632.
- DeJura-Ansco Corp.**, Northern Blvd. at 45th St., Long Island City 1, N.Y.
 Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Dekko Cameras Ltd.**, Telford Way, East Acton, London W.3, England.
 Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.
- Del Electronics Corp.**, 521 Home-stead Ave., Mt. Vernon, N.Y.
 Electroline Television Equip-ment Inc., Suite 114, 3757 Decelles Ave., Montreal 24, Que. RE 8-9095.
- Delevan Electronics Corp.**, Roy-croft Campus, East Aurora, N.Y.
 E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225.
- De Mornay - Bonardi**, 780 S. Arroyo Pkwy., Pasadena, Calif.
 Bayly Engrg. Ltd., Hunt St., Ajax, Ont. EM 2-3741 and 48 Sparks St., Ottawa, Ont. CE 2-9821.
- Denison Engrg. Div., American Brake Shoe Co.**, 1166 Dublin Rd., Columbus 16, Ohio.
 Rousseau Controls Ltd., 640 De-courcelles St., Montreal 30, Que. WE 7-3521 and 2149 Yonge St., Toronto 7, Ont. HU 3-2776.
- Dero Electronics**, 134 Nassau Rd., Roosevelt, N.Y.
 Tequipment Mfg. Co. Ltd., Box 844, London, Ont. GE 9-8871.
- Designers for Industry, Inc.**, 4241 Fulton Parkway, Cleveland, Ohio.
 Radionics Ltd., 8230 Mayrand St., Montreal 9, Que. RE 3-3937.
- Detroit Controls Corp.**, 5900 Trumbull Ave., Detroit, Mich.
 L. H. Frost (Canada) Ltd., P.O. Box 425, Oakville, Ont. VI 4-6681.
- Deuta-Werke GmbH**, Bergisch Gladbach, Germany, Paffrath-er Str. 140.
 Alexander & Orlick Ltd., P.O. Drawer 248, Brantford, Ont. PL 3-3181 (Hand tachometers only).
- The Deutsch Co.**, 7000 Avalon Blvd., Los Angeles 3, Calif.
 Brian Engrg. Ltd., 5275 Van Horne Ave., Montreal, Que. RE 7-2800.
- Development Engineering Co., Inc.**, 9 Cross St., Norwalk, Conn. VO 6-7720.
 Concor International Corp., P.O. Box 598, Long Beach, N.Y., GE 1-0410 (outside U.S.).
- Dewhurst & Partner Ltd.**, Inver-ness Works, Hounslow, Middlesex, England.
 Dupar (Canada) Ltd., 140 Man-sion St., Kitchener, Ont. SH 3-0271.
- Di/An Controls, Inc.**, 40 Leon St., Boston, Mass.
 Radionics Ltd., 8230 Mayrand St., Montreal 9, Que. RE 3-3937.
- Dialight Corp.**, 60 Stewart Ave., Brooklyn 37, N.Y.
 Lake Engrg. Co. Ltd., 123 Man-ville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691; Burt C. Porter Co., 1209 Poplar Place, Seattle 44, Wash.
- Dialtron Corp.**, 203 Harrison Place, Brooklyn 37, N.Y.
 Lake Engrg. Co. Ltd., 123 Man-ville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- Diamond Antenna & Microwave Corp.**, 7 North Ave., Wakefield, Mass.
 Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.
 Conway Electronic Enterprises
- Reg'd.**, 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- Diehl Mfg. Co.**, 1188 Finnerme Ave., Somerville, N.J.
 Douglas Randall (Canada) Ltd., 126 Manville Road, Scarborough, Ont. PL 9-2291.
- Dielectric Prods. Engrg. Co., Inc.**, Raymond, Me.
 Dayrand Ltd., 4612 St. Catherine St. W., Montreal 6, Que. WE 2-2541.
- The Digilram Co.**, Mel Sales Ltd., Arnprior, Ont. Arnprior 400-401.
- W. C. Dillon & Co., Inc.**, 14620 Keswick St., P.O. Box 3008, Van Nuys, Calif.
 George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492; Brian Engrg. Ltd., 5275 Van Horne Ave., Montreal, Que. RE 7-2800.
- Dinion Coil Co., Inc.**, Box 128, North St., Caledonia, N.Y. KE 8-4412.
- Disa Elektronik**, Copenhagen, Denmark.
 X-Ray & Radium Industries Ltd., 261 Davenport Rd., Tor-onto, Ont. WA 3-0908.
- Divco-Wayne Electronics**, 9701 Reading Rd., Cincinnati 15, Ohio.
 Instronics Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scar-borough, Ont. AX 3-7806.
- Dixon Corp.**, Burnside St., Bristol, R.I.
 Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.
- Dobbie McInnis Ltd.**, Broomloan Rd., Glasgow, S. W. 1, Scotland.
 Sperry Gyroscope Co. of Canada Ltd., P.O. Box 710, Montreal, Que. RI 7-5561.
- John C. Dolph Co.**, Monmouth Jct., N.J.
 Andrew Gilchrist Ltd., 155 Decarie Blvd., P.O. Box 322, St. Laurent, Que. RI 4-5596.
- Donner Scientific Co.**, 888 Galindo St., Concord, Calif.
 Instronics Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scar-borough, Ont. AX 3-7806.
- Douglas Microwave Co. Inc.**, 252 E. Third St., Mt. Vernon, N.Y.
 John S. Plewes Co., 52 Humber-crest Blvd., Toronto 9, Ont. RO 9-2051.
- Dow-Key Co., Inc.**, Rt. 3, Hwy 59, Thief River Falls, Minn.
 E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; Robert J. Buckland Co., 56 Water St., Chatham, Ont. EL 4-3106.
- David Dowling Ltd.**, Roebuck Rd., Hainault, Ilford, Essex, England.
 Empire Engineering Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.
- Drake Electric Works**, 4654-56 Lincoln Ave., Chicago 13, Ill.
 Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Drake Mfg. Co.**, 1713 W. Hubbard St., Chicago 22, Ill.
 Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Drelo, Ing. F. Drewell**, (22a) Gladbach, M. Gladbach-Rheindah-len, Stadtwaldstr. 27, W. Germany.
 The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434; Sidam Ltd., 16 Racine Rd., Rexdale, Ont. CH 6-5921.
- Dremel Mfg. Co.**, 2420 - 18th St., Racine, Wis.
 Empire Engineering Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.
- Dressen-Barnes Corp.**, 250 N. Vinedo Ave., Pasadena, Calif.
 E. E. Whitaker, 2137 Niagara Drive, Ottawa, Ont. CE 4-6866.

Driver-Harris Co., P.O. Drawer 31, Harrison, N.J.

Alloy Metal Sales Ltd., 181 Fleet St., Toronto, Ont. EM 2-4411; The B. Greening Wire Co. Ltd., 55 Queen St. N., Hamilton, Ont. JA 8-5971 and Toronto Zenith 77500; also 180 St. Paul St. W., Montreal, Que. VI 9-2407; Wilkinson Co. Ltd., 888 S. E. Marine Dr., Vancouver 15, B.C. FA 1-1231.

Dual. Gebr. Steidinger, St. Georgen/Schwarzwald (Germany). Geerz & Holm Canada Ltd., 629 Denman, Vancouver 5, B.C. MU 5-3233.

Dublier Condenser Co. (1925) Ltd., Ducon Works, Victoria Rd., North Acton, London, W.3, England.

Astral Electric Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

Ducati Elettrotecnica S.p.A., Bologna, Italy.

William Berselli Agencies, 266 Notre Dame W., Suite 41, Montreal, Que. AV 8-5795.

DuKane Corp., St. Charles, Ill. General Sound & Theatre Equipment Ltd., 861 Bay St., Toronto 5, Ont. EM 4-2438.

Allen B. Dumont Labs. Inc., International Div., 515 Madison Ave., New York, N.Y.

Electronic Service Supply Co., 210-9th Ave. S.E., Calgary, Alta. AM 6-6048; Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224. Bayly Engrg. Ltd., Hunt St., Ajax, Ont. Ajax 118 and Toronto EM 2-3741.

Dunn Engineering Associates, Inc., 225 O'Brien Hwy., Cambridge 41, Mass. UN 4-6700.

Duode Ltd., London, England. Peter Munk Associates Ltd., 118 Rivalda Rd., Weston, Ont. CH 6-2111.

Duotone Co., Inc., Keyport, N.J. Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.

Durakool, Inc., Elkhart, Ind.

Durant Mfg. Co., 1929 N. Buffum St., Milwaukee 1, Wis. LO 2-5035. Wainbee Tools Ltd., 64 Racine Rd., Rexdale, Ont. CH 1-3301.

Dymec, Inc., 395 Page Hill Rd., Palo Alto, Calif.

Alta Instrument Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Dyna, Inc., 617 41st St., Philadelphia 4, Pa. E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225 (East).

Dynaco Inc., 617 N. 41st St., Philadelphia 4, Pa. Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.

Dyna-Empire, Inc., 1075 Stewart Ave., Garden City, L.I., N.Y. Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Dyna-Magnetic Devices, Inc., 110 Duffy Ave., Hicksville, N.Y. Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Dynamic Gear Co., Inc., 20 Merrick Rd., Amityville, L.I., N.Y. E. E. Whittaker, 2137 Niagara Drive, Ottawa, Ontario. CE 4-4686.

Dynamic Instrument Co., Inc., 58 New York Ave., Westbury, L.I., N.Y.

A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CE 9-2311.

Dynarap Corp., 5150 Church St., Skokie, Ill. Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa and Toronto.

Dynatron Radio Ltd., Neucineic & Electronic Dep., Maidenhead, Berks, England.

Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Dynex, Inc., Pewaukee, Wis. Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.

Dzus Fastener Co., Inc., Box 185, Babylon, N.Y.

Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741.

E

E. & C. Industrial Engraving Points Ltd., Old Colwyn, Wales.

A. T. R. Armstrong Ltd., P.O. Box 38, Stn. "D," 700 Weston Rd., Toronto 9, Ont. RO 2-7535.

EMC Recordings, 806 E. Seventh St., St. Paul 6, Minn.

E. M. I. Electronics Ltd., Hayes, Middx., England.

E. M. I.—Cossor Electronics Ltd., 501-303 Windsor St., Halifax, N.S. 4-6487.

E. M. I. Sales & Service, Hayes, Middlesex, England. Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

E. S. C Corp., 534 Bergen Blvd., Palisades Park, N.J.

E. T. C. Ltd., 990 67th St., Cleveland 3, Ohio.

Douglas Randall (Canada) Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291.

Eagle Electric Mfg. Co., Inc., 23 - 10 Bridge Plaza S., Long Island City 1, N.Y. ST 4-9200.

East London Mica Works, London, England.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Eastern Industries, Inc., 100 Skiff St., Hamden, Conn.

Enterprise Agencies Ltd., 5301 Western Ave., Montreal 28, Que. HU 4-3551 and 6 Church St., Toronto, Ont. EM 4-9081.

Eastern Precision Resistor Corp., 675 Barbey St., Brooklyn 7, N.Y. E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.

Eastern Specialty Co., 3619 N. Eighth St., Philadelphia 40, Pa. General Communications Ltd., 980 O'Connor Dr., Toronto 16, Ont. PL 5-0771.

Eastman International Co. GmbH, Hildesheimer Str. 22, Hannover, Germany.

L. G. Blunt Ltd., 44 York St., Toronto 1, Ont. EM 4-7575.

Ebert Electronics Corp., 212 - 26 Jamaica Ave., Queens Village 28, N.Y.

Philips Electronics Industries Ltd., Industrial Equipment Div., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.

Hugh H. Eby Co., Inc., 4701 Germantown Ave., Philadelphia 44, Pa.

White Radio Co., P.O. Box 463, Hamilton, Ont. JA 2-1716.

Eby Sales Co., 130 LaFayette St., New York 13, N.Y.

William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-9201; Roger M. Minthorne Co., 0673 S. W. Taylors Ferry Rd., Portland 19, Ore. CH 6-4556.

Eckel Valve Co., 1419 E. First St., San Fernando, Calif.

The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 1255 Laird Blvd., Montreal, Que. RE 8-7605.

Eddystone Company Ltd., Alvechurch Rd., Birmingham 31, England.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Edgerton, Germeshausen & Grier, Inc., 160 Brookline Ave., Boston, Mass.

Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 3126 Bathurst St., Downsview, Ont. ME 5-1470.

Edin Co., Inc., 207 Main St., Worcester, Mass.

A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.

Edo Corp., College Point 56, N.Y. Edo (Canada) Ltd., P.O. Box 97, Cornwall, Ont. WE 2-6774-5.

Educational Electronics, 6322 N. Clark St., Chicago, Ill.

Stark Electronic Sales Co., Ajax, Ont. 125.

Educational Productions Ltd., Wakefield, England.

Mechron Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St., Montreal 6, Que.

Edwards High Vacuum Ltd., Crawley, Sussex, England.

Edwards High Vacuum (Canada) Ltd., P.O. Box 515, Cumberland Ave., Burlington, Ont. NE 4-7757 and Toronto EM 3-9841.

Egen Electric Ltd., Charleift Industrial Estate, Canvey Island, Essex, England. Canvey 691.

Elcor, Inc., 4235 West N. Ave., Chicago 39, Ill.

The Hoover Co. Ltd., Gage Ave. & Barton St., Hamilton, Ont. LI 5-1151.

Eltel-McCullough, Inc., 798 San Mateo Ave., San Bruno, Calif.

R. D. B. Sheppard, 2036 Prince Charles Rd., Ottawa 3, Ont. PA 2-7152.

Ekco Electronics Ltd., Southend-on-Sea, Essex, England.

Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Elco Corp., "M" St., below Erie Ave., Philadelphia 24, Pa.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Elcon Ltd., Wilburg Way, Hitchin, Herts., London, England.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

Electra Mfg. Corp., 4051 Broadway, Kansas City, Mo.

Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.

Electralab, Inc., Industrial Center, Needham Heights, Mass.

The Electric Construction Co., Wolverhampton, England.

E.C.C. Canada Ltd., 66 Colville Rd., Toronto 15, Ont. CH 4-6455-6.

Electric Eye Equipment Co., Danville, Ill.

Industron Corp., 297 Carlton St., Toronto 2, Ont. WA 1-2032.

Electric Regulator Corp., Pearl St., Norwalk, Conn.

R. H. Nichols Ltd., 4544 Dufferin St., P.O. Box 500, Downsview, Ont. EM 3-8190; also at Ottawa & Vancouver.

Electric Soldering Iron Co., W. Elm St., Deep River, Conn.

Canadian Marconi Co., Electronic Tube & Components Div., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221.

Electric Specialty Co., 211 South St., Stamford, Conn.

Electrical Chemical Specialty Co., 1821 University Ave., St. Paul 4, Minn.

R. C. Kahnert Sales Co. Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

Electrical Industries, Inc., 691 Central Ave., Murray Hill, N.J.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Electro-Air Cleaner Co., McKees Rocks, Pa.

Kent Engrg. Co., 4033 Decarie Blvd., Montreal 28, Que. HU 1-0213 (East).

Electro Capacitors Co., 10132 Edes Ave., Oakland 3, Calif. LO 8-7910.

Electro-Ceramics, Inc., 2645 S. Second W., Salt Lake City, Utah.

Edo (Canada) Ltd., P.O. Box 97, Cornwall, Ont. WE 2-6774-5.

Electro-Chemical Corp., New York, N.Y.

Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.

Electro Development Corp., 3939 University Way, Seattle 5, Wash.

Constellation Components Co., 136 Tower Dr., Scarborough, Ont.

PL 7-3359; and 17041 Omega Pl., St. Genevieve, Que. NA 6-5673.

Electro Devices, Inc., 580 Main St., Wilmington, Mass.

Associated Instrumentation & Controls Ltd., 2655 Bates Rd., Montreal 26, Que. RE 8-1167.

Electro Dynamic Construction Co., England.

Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Electro Engrg. Works, 401 Prenda St., San Leandro, Calif. LO 9-3326.

Electro-Flex Heat, Inc., 83 Woodbine St., Hartford 6, Conn.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

Electro Instruments, Inc., 3794 Rosecrans St., San Diego 10, Calif.

Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Electro-Measurements Corp., 7524 S.W. Macadam Ave., Portland 1, Ore.

Electro-Mechanical Instrument Co., Eighth & Chestnut Sts., Perkasie, Pa.

Desser E-E Ltd., 441 St. Francois Xavier, Montreal, Que. VI 5-6570.

Electro-Mechanical Research, Inc., P.O. Box 3041, Sarasota, Fla.

Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Electro Mechanisms Ltd., 220 Bedford Ave., Slough, Bucks, England.

Electro-Minutaries Corp., 612 Huyler St., Hackensack, N.J. HU 9-7770.

Electro Products, Inc., 15050 Schaefer Hwy., Detroit, Mich.

Pitt Distributing Co. Ltd., 80 George St., Toronto 2, Ont. EM 4-8268.

Electro Prods. Labs., Inc., 4501 N. Ravenswood Ave., Chicago 40, Ill.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Electro-Snap Switch Div., Electro-Snap Corp., 4218 - 30 W. Lake St., Chicago 24, Ill.

Electro Sonic Labs., Inc., 35-54 36th St., Long Island City, N.Y.

Smyth Electronic Components Ltd., 380 Craig St. W., Montreal, Que. AV 8-6281 (East); Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).

Electro Switch Corp., 167 King Ave., Weymouth 88, Mass.

George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492; W. Hobson & Assoc., 1024 Notre Dame St., Lachine, Que. ME 7-1231. (Ont. & East).

Electro-Tec Corp., 4 Romanelli Ave., Hackensack, N.J.

Paisley Prods. of Canada Ltd., P.O. Box 159, Stn. H., Toronto, Ont. PL 5-2216-7-8.

Electro-Technical Prods., 113 E. Centre St., Nutley 10, N.J.

Andrew Gilchrist Ltd., 155 Decarie Blvd., P.O. Box 322, St. Laurent, Que. RI 4-5596; Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216 and 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Electrovac, Vienna, Austria. Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377, and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Electro Voice, Inc., Buchanan, Mich.

R. C. Kahnert Sales Co. Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171 (East).

Electroacoustic GmbH, 425-429 Westring, Kiel, Germany.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Electrocraft, Inc., 4432 N. Kedzie Ave., Chicago, Ill.

R. C. Kahnert Sales Co. Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

Electrodata Div., Burroughs Corp., 460 Sierra Madre Villa, Pasadena, Calif.
Electrodata Div., Burroughs Adding Machine of Canada Ltd., 1313 Wellington St., Ottawa, Ont. PA 8-3539.

Electrodyn Corp., 503 South McClyde St., Santa Ana, Calif.
Applied Electronics, 434 Church St., Mimico, Toronto 14, Ont. CL 1-8451.

Electrofilm, Inc., 7116 Laurel Canyon Blvd., N. Hollywood, Calif.
The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 1255 Laird Blvd., Montreal, Que. RE 8-7605.

Electronic Associates, Inc., Long Branch Ave., Long Branch, N.J. CA 9-1100.

Electronic Chemical Corp., 813 Communipaw Ave., Jersey City 4, N.J.
William Cohen Ltd., 8900 Tangway St., Montreal, Que. DU 8-9201.

Electronic Control Corp., 1573 E. Forest Ave., Detroit 7, Mich.
Dominion Electrohome Inds. Ltd., Technical Prods. Div., 140 Mansion St., Kitchener, Ont. SH 3-0271.

Electronic Devices, 429 - 12 St., Brooklyn 15, N.Y.

Electronic Fabricators, Inc., 682 Broadway, New York 12, N.Y.
Ray Johnston Co., 1101 E. 69th St., Seattle 15, Wash. LA 4-5170. (B.C.).

Electronic Importers, Inc., 2128 Third Ave., Seattle 1, Wash.
Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).

Electronic Instrument Co., Inc., 3300 Northern Blvd., Long Island City 1, N.Y.
Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West); **John R. Tilton Ltd.**, 51 McCormack St., Toronto 9, Ont. RO 9-1129 (East).

Electronic Instruments Ltd., Lower Mortlake Rd., Richmond, Surrey, England.
The Glendon Co. Ltd., Instrument Div., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Electronic Measurements Co., Inc., Lewis St. & Maple Ave., Eatontown, N.J. LI 2-0300.

Electronic Measurements Corp., 625 Broadway, New York 12, N.Y.
Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 9-1854.

Electronic Mechanics, Inc., 101 Clifton Blvd., Clifton, N.J. GR 3-4108.

Electronic Products Div., Post Machinery Co., 140 Elliott St., Beverly, Mass.

Elder Electronics, 3220 Robert St., Burlington, Ont. NE 4-0511 (Ont. & Que.).

Electronic Research Associates, Inc., 67 Factory Pl., Cedar Grove, N.J.

The Hoover Co. Ltd., Gage Ave. & Barton St., Hamilton, Ont. LI 5-1151.

Electronic Specialties Mfg. Corp., 76 Irving St., Worcester, Mass.
Hackbusch Electronics Ltd., 23 Primrose Ave., Toronto 4, Ont. LE 1-2453.

Electronic Specialty Co., 5121 San Fernando Rd., Los Angeles 39, Calif.

Aircraft Appliances & Equipment Ltd., 585 Dixon Side Rd., Box 177, Weston, Ont. CH 4-5506.

Electronic Tube Corp., 1200 Mermaid Lane, Philadelphia 18, Pa.
Adams Engrg. Ltd., 1500 St. Catherine St. W., Montreal, Que. WE 3-6857; **Electromechanical Prods.**, Markham Rd., Agincourt, Ont. AX 3-7011.

Electronics Development Co., Inc., 3743 N. Cahuenga Blvd., N., Hollywood, Calif.
Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.

Electrons, Inc., 127 Sussex Ave., Newark 3, N.J.

Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165 (East); **L. A. Varah Ltd.** (Westronic Engrs. Sales), 1451 Hornby St., Vancouver 1, B.C. MU 1-0104 (West).

Elektronstechnik Wilhelm Franz K.G., Lehr/Aden, Germany.
Viditon Corp. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441.

Elgin National Watch Co., Electronics Div., 2435 N. Naomi St., Burbank, Calif.

Elima GmbH, Frankfurt/Main West 13, Graefstr. 93-97, W. Germany.

The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.

Elenberger & Poensgen GmbH, Altdorf bei Nuernberg, W. Germany.

E-T-A Products of Canada Ltd., 265 Craig St. W., Montreal 1, Que. UN 1-5998.

Elliott Bros. (London) Ltd., Century Works, Lewisham, London S.E.13, England.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

George Ellison Ltd., Wellhead Lane, Perry Barr, Birmingham, England.

E.C.C. Canada Ltd., 66 Colville Rd., Toronto 15, Ont. CH 4-6455-6.

Elna Ferrite Lab., Saugerties, N.Y., Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; **Elcom Marketing Ltd.**, 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Elsin Electronics Corp., Eileen Way, Syosset, N.Y.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

El-Tronics, Inc., 16th & Pennsylvania Blvd., Philadelphia, Pa.

Emel Establishment, Paris, France.
Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.

Emerson & Cuming, Inc., 869 Washington St., Canton, Mass.
Ray Johnston Co., 1011 East 69th St., Seattle 15, Wash. LA 4-5170 (B.C.); **M. J. Howard Co. Ltd.**, 1296 Bank St., Ottawa, Ont. CE 5-9931.

Empire Aluminum Ltd., Glasgow, Scotland.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont., PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Empire Devices Prods. Corp., Amsterdam, N.Y.

Instruments Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806.

Endevco Corp., 161 E. California St., Pasadena, Calif.

Met Sales Ltd., Arnprior, Ont. 400.

Engel & Gebbs Ltd., Warwick Rd., Boreham Wood, Herts., England.
Constellation Components Co., 136 Tower Dr., Scarboro, Ont. PL 7-3359; and 17041 Omega Place, St. Genevieve, Que. NA 6-5673.

Engineered Electronics Co., 506 E. First St., Santa Ana, Calif.
Electronic Associates Ltd., 4616 Yonge St., Willowdale, Ont. BA 1-1126.

English Electric Valve Co., Waterhouse Lane, Chelmsford, Essex, England.

Canadian Marconi Co., Electronic Tube & Components Div., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221.

The English Glass Co. Ltd., Empire Rd., Leicester, England. 23481/2.

English Numbering Machines Ltd., 25 Queensway, Enfield, Middx., England.

The J. W. Ellis Industries, 80

Richmond St. E., Toronto, Ont. EM 6-1434.

English Telephones Ltd., London, England.
Audio Vox Intercom Inc., 4510 De Laroche, Montreal, Que. LA 1-3188 (Que.).

Entron, Inc., P.O. Box 287, 4092 Lawrence St., Blacksburg, Md.
Audiovision Television Equipment, Inc., Suite 114, 5757 Decelles Ave., Montreal 24, Que. RE 8-9095; **Ron Merritt Co.**, Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).

Epeco Prod., Inc., 2500 Atlantic Ave., Brooklyn 7 N.Y. DI 5-7531.

Episco, Inc., 588 Commonwealth Ave., Boston 15, Mass.
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711; also at Toronto & Edmonton; **Samuel C. Hooker (Canada) Ltd.**, 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470 (Components Div.).

Epsilon Industries Ltd., Fages Rd., Feltham, Middlesex, England.
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Esterline-Angus Co., Inc., P.O. Box 596, Indianapolis, Ind.
George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492; **Conway Electronic Enterprises Reg'd.**, 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676; **W. Hobson & Associates**, 1024 Notre Dame St., Lachine, Que. ME 7-1231.

Etelco Ltd., 22 Lincoln's Inn Fields, London, W.C.2, England.
Engineered Sound Systems Ltd., 169 Kipling Ave. S., Toronto 18, Ont. BE 3-2155 (Ont.); **Power & Mine Supply Co.**, 123 Princess St., Winnipeg, Man. (Man. & Sask.); **Telephone Supply Co.**, 10235 - 103rd St., Edmonton, Alta. 4-7116; **Telephone & Electronic Supply Co.**, 1919 Pine St., Vancouver, B.C. (Alta. & B.C.).

Evans Electroelenium Ltd., Potter St., Harlow, Essex, England.
E. M. I. - Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487.

Evershed & Vignoles Ltd., Acton Lane Works, Chiswick, London, W. 4, England.

Evershed & Vignoles (Canada) Ltd., P.O. Box 100, 4544 Dufferin St., Toronto 19, Ont. ME 3-5937; and P.O. Box 632, Calgary, Alta.; **R. H. Nichols Ltd.**, 4544 Dufferin St., P.O. Box 500, Downsview, Ont. ME 3-8190; also at Ottawa and Vancouver.

Ewald Instrument Co., Route 7E, Kent, Conn.

Thermovolt Instruments Ltd., P.O. Box 43, Toronto 18, Ont. BE 1-7134.

Exacto Industries, Inc., 8730-36 Santa Monica Blvd., Los Angeles 46, Calif.

Bancroft Industries Ltd., P.O. Box 68, Place D'Armes, Montreal, Que. WE 3-3605.

Expanded Metal Co. Ltd., London, England.

Cresswell-Pomeroy Ltd., Leon Harmel St., Granby, Que. FR 8-4611.

Eze-Hook Test Prods. Co., 1536 Woodburn Ave., Covington, Ky.
Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

F

FXR, Inc., 26-12 Hunter St., Long Island City 1, N.Y. ST 6-4959.
Radionics Ltd., 8230 Mayrand St., Montreal 9, Que. RE 3-3937.

Fairchild Camera & Instrument Corp., Industrial Camera Div., 88-06 Van Wyck Expwy., Jamaica 1, N.Y.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Fairchild Controls Corp., Components Div., 225 Park Ave., Hicksville, L.I., N.Y.

R. D. B. Sheppard, P.Eng., 2036 Prince Charles Rd., Ottawa 3, Ont. PA 2-7152.

Fairchild Recording Equipment Co., 10-40 45th Ave., Long Island City 1, N.Y.
H. Roy Gray Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

Fairchild Semiconductor Corp., Palo Alto, Calif. (Can.).
R. D. B. Sheppard, 2036 Prince Charles Rd., Ottawa 3, Ont. PA 2-7152.

Falcon Machine & Tool Co., Cambridge, Mass.
Canavia Engrg. & Sales Co., Malton, Ont. BU 6-2241 and 902 Ducharme Rd., Windsor, Ont.

M. Falk, Surrey, England.
X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908.

Falstrom Co., 78 Falstrom Court, Passaic, N.J. PR 7-0013.

Fanstel Metallurgical Corp., Rectifier-Capacitor Div., 2200 Sheridan Rd., N. Chicago, Ill.
J. R. G. McVity & Co., 51 Dalewood Rd., Toronto 12, Ont. HU 8-9457 (Ont. & Que.).

Farbenfabriken, Bayer A. G., Leverkusen, Germany.
Paisley Prods. of Canada Ltd., P.O. Box 159, Stn. H., Toronto, Ont. PL 5-2216-7-8.

Farmer Electric Prods. Co. Inc., 2300 Washington St., Newton Lower Falls, Mass.
John Best Co., 96 Kipling Ave. N., Islington, Ont. BE 1-7633.

Farnel Instruments Ltd., York Rd., Wetherby Industrial Estate, Yorks, England.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Favag, Fabrique D'appareils Electriques S.A., Neuchatel, Switzerland.
The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.

Federal Electronic Sales, Federal Electronics Bldg., Rockville Centre, N.Y.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Feedback Controls, Inc., 899 Main St., Waltham 54, Mass.

Fehö Lautsprecherfabrik, Remscheid, B1, Germany.

German-Canadian Import Co., 3490 Olivar Asselin St., Montreal 9, Que. RI 4-6627; **Pro Musica Ltd.**, 152-154 Pearl St., Toronto 1, Ont. EM 8-9633.

Felten & Guilleaume Carlswerk A.G., Koeln-Muelheim, Germany.
Powerlite Devices Ltd., 54 Atomic Ave., Toronto 14, Ont. CL 9-8201; 233 Dunbar Ave., Montreal 16, Que. RE 3-5331; and 882 East Cordova St., Vancouver 4, B.C. MU 3-5344.

Felten & Guilleaume Fernmeldeanlagen GmbH, Nuernberg, Germany.

L. G. Blunt Ltd., 44 York St., Toronto 1, Ont. EM 4-7575.

Fen-Tone Corp., 105 Fifth Ave., New York, N.Y.

Fenwal Controls, Inc., Ashland, Mass.

Canadian Chromalox Co. Ltd., 210 Rexdale Blvd., Rexdale P.O., Ont. CH 1-8624; **Rousseau Controls Ltd.**, 640 Decourcelle St., Montreal 30, Que. WE 7-3521 and 2149 Yonge St., Toronto 7, Ont. HU 3-2776.

Fenwal Electronics, Inc., 51 Meilen St., Framingham, Mass. TR 2-5110.
Rousseau Controls Ltd., 640 Decourcelle St., Montreal, Que. WE 7-3521.

Ferrodyamics Corp., Lodi, N.J. E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; London, Winnipeg and Vancouver.

- Ferrotec, Inc.**, 217 California St., Newton 58, Mass.
Dage Corp., 219 East 44th St., New York, N.Y. MU 2-6755.
- Ferrotron Electronics Co., Inc.**, New York 12, N.Y.
William M. Hummel, P.O. Box 190, 150 Pinewood Trail, Port Credit, Ont. CR 8-7666 (Ont.).
- Fibre Mfg., Newn, N.C.**
Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que.
- Fibremetal Prods. Co.**, Chester, Pa.
Canadian Liquid Air Co. Ltd., 1111 Beaver Hall Hill, Montreal, Que. UN 6-4781.
- Fielden Electronics Ltd.**, Paston Rd., Wythenshawe, Manchester 22, England.
- Fingeholms A/B, Bruk, Sweden.**
- Film Capacitors, Inc.**, 3400 Park Ave., New York 56, N.Y.
- Filmiline Corp.**, Milford, Conn.
Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.
- Filmohm Corp.**, 48 W. 25th St., New York 10, N.Y. WA 4-3244-5.
- Filters, Inc.**, 30 Sagamore Hill Dr., Port Washington, N.Y.
Consolidated Electronic Equipment Co. Ltd., 94 Sheppard Ave. W., Willowdale, Ont. BA 5-6921.
Marlsand Engrs. Co. Ltd., Victoria St. S., Kitchener, Ont. SH 5-9486.
- Filtron Co., Inc.**, 131-15 Fowler Ave., Flushing 55, N.Y.
Aircraft Appliances & Equipment Ltd., 585 Dixon Side Rd., Box 117, Weston, Ont. CH 4-5506. (Canada except B.C.).
- The Finney Co.**, 34 W. Interstate St., Bedford, O.
Tenatronics Ltd., Davis Dr. E., Newmarket, Ont. TW 5-4583.
- Firma S. Samulevitz, Sct. Knudsvej 25-27, Copenhagen, Denmark.**
Associated Electronic Components, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.
- Firma Jorgen Schou, Industrigaarden, 86 Finsensvej, Copenhagen, Denmark.**
Associated Electronic Components, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.
- Firma Tage Schouboe, Skyttegade 7, Copenhagen, Denmark.**
Associated Electronic Components, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.
- E. Fischer & Co.**, Busswil-Bienne, Switzerland.
Emile Tasso Agencies, 1509 Sherbrooke St. W., Montreal, Que. WE 3-8098.
- The Fisher-Pierce Co., Inc.**, 170 Pearl St., South Braintree, Boston, Mass.
George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492 (Ont. & Que.).
- Flahon Co.**, 7615 Lanyard Dr., Cleveland 29, O.
- Fleming Radio (Developments) Ltd.**, Stevenage, England.
Mechron Engrs. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St., Montreal 6, Que.
- Flexvaust Co.**, 100 Park Avenue, New York 17, N.Y.
Hope Machinery Co., 200 Dalhousie St., Toronto 2, Ont. EM 3-8579.
- Flight Research, P.O. Box 1-F, Richmond 1, Va.**
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.
- Flightex Fabrics Inc.**, 93 Worth St., New York 13, N.Y.
Aviquip of Canada Ltd., 636 St. Paul St. W., Montreal 3, Que. UN 6-4067 and 109 Eglinton Ave. E., Toronto, Ont. HU 3-1211.
- John Fluke Mfg. Co., Inc.**, 1111 W. Nickerson St., Seattle 99, Wash.
The Glendon Co. Ltd., 44 Wellington St. E., Toronto 1, Ont.
- EM 6-5673 (Canada except B.C.).
- Fluorocarbon Prods., Inc.**, 602 N. 10th St., Camden, N.J.
A. T. R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D," Toronto 9, Ont. RO 2-7535.
- Foredom Electric Co.**, 27 Park Pl., New York 7, N.Y.
Empire Engineering Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.
- Formica Ltd.**, 84/86 Regent St., London W.1, England.
Paisley Prods. of Canada Ltd., P.O. Box 159, Stn. H., Toronto 13, Ont. PL 5-2216-7-8.
- Institut Dr. Foerster, Reutlingen, Western Germany.**
A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.
- Fortiphone Ltd.**, 92 Middlesex St., London E.1, England.
John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.
- Fourjay Industries**, 2360 W. Dorothy Lane, Dayton 39, Ohio.
Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.
- P. X. Fox Ltd.**, Hawksworth Rd., Horsforth, Leeds, Yorks, England.
Horsforth 2831/2.
- The Foxboro Co.**, Foxboro, Mass.
The Foxboro Co., 707 Dollard Ave., Lasalle, Montreal, Que. HU 9-7581.
- Franklin Electronics, Inc.**, E. Fourth St., Bridgeport, Pa.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa and Toronto (Ont. & Que.).
- Andrew Fraser & Co. Ltd.**, 29 Buckingham Gate, London, S.W.1, England.
Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.
- Frequency Standards Ltd.**, P.O. Box 504, Ashbury Park, N.J.
Mel Sales Ltd., Annprior, Ont. 400.
- Friden Calculating Machines Co., Inc.**, San Leandro, Calif.
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.
- L. H. Frost & Co., Inc.**, 904 36th St. S.E., Grand Rapids, Mich.
L. H. Frost (Canada) Ltd., P.O. Box 425, Oakville, Ont. VI 4-6681.
- Dr.-Ing. Frank Fruenzel GmbH**, 79 Wittenbergener Weg, Hamburg-Rissen, Germany.
Mechron Engrs. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St. W., Montreal 6, Que.
- Fry's Metal Foundries Ltd.**, London, England.
Electrovert Ltd., 265 Craig St. W., Montreal, Que. UN 1-872, and P.O. Box 23, Stn. "N," Toronto, Ont. CL 5-4436.
- Fukushima Electric Works Ltd.**, 303 Horinouchi, 1-chome, Sugimam-ku, Tokyo (Component mfr.).
- Furzehill Labs. Ltd.**, 57 Clarendon Rd., Watford, Herts., England.
Gadebrook 4686.
- Fuse Indicator Corp.**, 99 Chauncy St., Boston, Mass.
Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.
- Fusite Corp.**, 6000 Fernview Ave., Cincinnati 13, O.
The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.
- Fuze-On Prods.**, 15-17 N. Hickory St., Arlington Heights, Ill.
Lake Engrs. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- G**
- G-C Electronics Mfg. Co.**, 400 S. Wyman St., Rockford, Ill.
D. Eldon McLennan, 1634 W. Third Ave., Vancouver, B.C. BA 2898 (West); Chas. W. Poin-ton Ltd., 66 Racine Rd., Rexdale, Ont.
- G-V Controls, Inc.**, 28 Hollywood Plaza, East Orange, N.J.
Leonard Electric Ltd., 346 Bering Ave., Toronto 18, Ont. BE 1-2731; ARVA, Room G-7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367.
- The Gabriel Co.**, 1148 Euclid Ave., Cleveland 15, O.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Galbraith & Grant Ltd.**, 30 Throgmorton St., London E.C.2, England.
E. C. C. Canada Ltd., 66 Colville Rd., Toronto 15, Ont. CH 4-6455-6.
- The Gamewell Co.**, 1238 Chestnut St., Newton Upper Falls 64, Mass.
Douglas Randall (Canada) Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291.
- Garde Mfg. Co.**, 588 Eddy St., Providence 3, R.I.
Consolidated Electronic Equipment Co. Ltd., 94 Sheppard Ave. W., Willowdale, Ont. BA 5-6921.
- Garrard Engrs. & Mfg. Co. Ltd.**, Swindon, Wilts., England.
Chas. W. Poin-ton Ltd., 66 Racine Rd., Rexdale, Ont.
- Geerz Gehr, Hamburg, Germany.**
John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 (East).
- General Abrasive Co.**, Niagara Falls, N.Y.
P. N. Soden & Co. Ltd., 2143 St. Patrick St., Montreal 22, Que. WE 5-4602 and 41 Advance Rd., Toronto 18, Ont. BE 3-6289.
- General Automatic Corp.**, 12 Carlton Ave., Little Falls, N.J.
- General Cement Mfg. Co.**, 400 S. Wyman St., Rockford, Ill., and Walsco Electronics Mfg. Co., 3225 Exposition Blvd., Los Angeles 18, Calif. AX 3-7201.
D. Eldon McLennan, 1634 W. 3rd Ave., Vancouver, B.C. BA 2898 (West); and Chas. W. Poin-ton Ltd., 66 Racine Rd., Rexdale, Ont.
- General Ceramics Corp.**, Crowsmill, Keasby, N.J.
Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que.
- General Communications Co.**, 681 Beacon St., Boston 15, Mass.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.
- General Devices, Inc.**, P.O. Box 253, Princeton, N.J.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.
- General Electric Co. (Lamp Glass Dept. Sect. 670), Nela Park, Cleveland 12, O.**
Canadian General Electric Co. Ltd., 221 Dufferin St., Toronto, Ont. LE 2-4421.
- General Electric Co. (Lamp Leads & Bases)**, 17825 St. Clair Ave., Cleveland 10, O.
Canadian General Electric Co. Ltd., 221 Dufferin St., Toronto, Ont. LE 2-4421.
- General Electric Co. (Lamp Wire & Phosphors)**, 21800 Tunstun Rd., Cleveland 17, O.
Canadian General Electric Co. Ltd., 221 Dufferin St., Toronto, Ont. LE 2-4421.
- The General Electric Co. Ltd.**, Magnet House, Kingsway, London W.C.2, England.
Canadian General Electric Co. Ltd., Electronic Equipment and Tube Dept., 830 Landsdowne Ave., Toronto 4, Ont. LE 4-6511. (Communication Prods. of the Transmission Div. only).
- General Electric Co., X-Ray Dept.**, 4855 Electric Ave., Milwaukee 1, Wis.
General Electric X-Ray Corp. Ltd., 1553 Eglinton Ave. W., Toronto 10, Ont. RU 3-6106. Also at Halifax, Montreal, Winnipeg, Edmonton, Vancouver.
- General Hermetic Sealing Corp.**, 99 E. Hawthorne Ave., Valley Stream, N.Y.
- General Industries Co.**, Olive & Taylor Sts., Elyria, O.
Chas. W. Poin-ton Ltd., 66 Racine Rd., Rexdale, Ont.
- General Instrument Corp.**, 65 Gouverneur St., Newark 4, N.J.
General Instrument — F. W. Sickles of Canada Ltd., 151 Weber St. S., P.O. Box 408, Waterloo, Ont. SH 4-8101.
- General Magnetics, Inc.**, 135 Bloomfield Ave., Bloomfield, N.J. PI 8-2400.
- General Precision Lab., Inc.**, 63 Bedford Rd., Pleasantville, N.Y.
Northern Electric Co. Ltd., 1600 Dorchester St. W., Montreal, Que. WE 7-6071.
- General Radio Co.**, 22 Baker Ave., West Concord, Mass.
General Radio Co., 99 Floral Pkwy., Toronto 15, Ont. CH 6-2171.
- General Radiological Ltd.**, 15-18 Clinstone St., Gt. Portland St., London, W.3, England. MUS 3121 and 6342.
E. M. I.-Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487.
- General Resistance, Inc.**, 577 E. 156th St., New York 55, N.Y.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- General Signal & Time Systems Ltd.**, 73 Great Peter St., London, England.
D. & B. Sound & Signals, Inc., 39 Notre Dame St. E., Montreal 1, Que. UN 1-7141.
- General Tire & Chemical, Wabash, Ind.**
W. R. Watkins Co. Ltd., 41 Kipling Ave. S., Toronto 18, Ont. BE 3-2161.
- General Transistor Corp.**, 91-27 138th Pl., Jamaica 35, N.Y.
Desser E-E Ltd., 441 St. Francois Xavier, Montreal, Que. VI 5-6570.
- General Transistor Western Corp.**, 6110 Venice Blvd., Los Angeles, Calif.
Desser E-E Ltd., 441 St. Francois Xavier, Montreal, Que. VI 5-6570.
- General Ultrasonics Co.**, 67 Mulberry St., Hartford 3, Conn.
Elder Electronics, 3220 Robert St., Burlington, Ont. NE 4-0511 (Ont. and Que.).
- Genisco, Inc.**, Los Angeles, Calif.
Lisle Instrument Systems, 577 Eglinton Ave. W., Toronto 12, Ont. HU 8-2782 and 100 Balfour-tyne Ave. S., Montreal, Que.
- Gernsbach Publications, Inc.**, 154 West 14th St., New York, N.Y.
Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.
- Gertsch Prods. Inc.**, 3211 S. La Cienega, Los Angeles 16, Calif.
Atlas Instrument Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Gianini & Co., Inc.**, Datex Div., 1307 S. Myrtle Ave., Monrovia, Calif.
ARVA, Room G.7, Marine Bldg., Burrard St., Vancouver 1, B.C. MU 1-3367.
- Glanview Closed Circuit Television Network**, 901 Livernois, Ferndale 20, Mich.
Electroline Television Equipment, Inc., Suite 114, 5757 Decelles Ave., Montreal 24, Que. RE 8-9095.
- M. S. Gibb Ltd.**, Clock Tower Bldgs., Warsash, Nr. Southampton, Hants., England.
E.C.C. Canada Ltd., 66 Colville Rd., Toronto 15, Ont. CH 4-6455-6.
- Giblin Bros., Inc.**, 1815 Venice Blvd., Los Angeles 6, Calif. DU 1-3441.
- Gill Electric Mfg. Corp.**, Redlands, Calif.
Albercon Aero Ltd., 4435 Chester Ave., Montreal 29, Que. HU 9-4978.
- Globe Electronics, Inc.**, 3415 W. Broadway, Council Bluffs, Iowa.
E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225.

- Globe Industries, Inc.**, 1784 Stanley Ave., Dayton 4, O.
Leonard Electric Ltd., 346 Bering Ave., Toronto 18, Ont. BE 1-2731.
- Fred Goat Co., Inc.**, 314 Dean St., Brooklyn 17, N.Y.
Musimart of Canada, 901 Bleury St., Montreal, Que. UN 1-2856.
- Godard-Mijnhardt, N.V.**, Utrecht, Holland.
 Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.
- Golay-Buehl, Lausanne, Switzerland.**
 Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.
- The Goldring Mfg. Co. (Great Britain) Ltd.**, 486-488 High Rd., Leytonstone, London, E.11, England.
 Musimart of Canada Ltd., 901 Bleury St., Montreal, Que. UN 1-2856.
- Good-All Electric Mfg. Co.**, 112 W. First St., Ogallala, Neb.
 A. T. R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D," Toronto 9, Ont. RO 2-7535.
- Goodmans Industries Ltd.**, Axiom Works, Wembley, Middx., England.
 A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111.
- R. F. Goodrich, Sponge Prods. Div.**, 64 Derby Pl., Shelton, Conn.
 E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.
- Gordos Corp.**, 250 Glenwood Ave., Bloomfield, N.J.
 Renfrew Electric Co. Ltd., 349 Carlaw Ave., Toronto 8, Ont. HO 1-3511.
- Corn Electric Co., Inc.**, Aircraft Controls Co. and Gorn Electronics Divs., 845 Main St., Stamford, Conn. FI 8-7591.
 Winnett Boyd Ltd., 745 Mt. Pleasant Rd., Toronto, Ont. HU 1-3722.
- Correll & Correll**, 33 Old Hood Rd., Westwood, N.J.
 Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.
- P. Gossen & Co. GmbH**, Erlangen, Germany.
 Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.
- Gow-Mac Instrument Co.**, 100 Kings Rd., Madison, N.J. FR 7-3450.
- Gramplan Reproducers, Ltd.**, Hanworth, Feltham, Mdx., England.
 Astral Electric Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.
- Granco Prods., Inc.**, 36-07 20th Ave., Long Island, N.Y.
 Clairtone Sound Corp. Ltd., Clairtone Bldg., 118 Rivalda Rd., Weston, Ont. CH 4-7062.
- Grand Transformers, Inc.**, 17360 Hayes Ave., Grand Haven, Mich.
 Willard Spenser Co., 3238 Curry Ave., Windsor, Ont. YO 9-1332 (Ont. & Que.).
- Grant Pulley & Hardware Corp.**, High St., W. Nyack, N.Y.
 K. M. Thomas Co., 410 Bloor St. E., Toronto 5, Ont. WA 4-4000.
- Gray Instruments Co.**, 200 East Church Lane, Philadelphia 44, Pa.
 Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- Gray Mfg. Co.**, 16 Arbor St., Hartford, Conn.
 Applied Electronics, 434 Church St., Mimico, Toronto 14, Ont. CL 1-8451.
- Grayhill, Inc.**, 561 Hillgrove Ave., LaGrange, Ill.
 Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691 (East); Burt C. Porter Co., 1209 Poplar Pl., Seattle 44, Wash. EA 3-8330 (B.C.).
- Great Lakes Mfg. Corp.**, 4223 Monticello Blvd., Cleveland 21, O.
- Delta Aircraft Equipment Co.**, 1798A Avenue Rd., Toronto 12, Ont. RU 3-7372.
- Great Northern Telegraph Co.**, Copenhagen, Denmark.
 TMC (Canada) Ltd., P.O. Box 1006, Billings Bridge, Ottawa, Ont. CE 6-3674.
- Greenleaf Mfg. Co.**, Div. of Mandrel Industries, Inc., 7814 Maplewood Industrial Court, St. Louis 17, Mo. ST 1-9888.
- Gregg Electric Co.**, 2 S. Broadway, Lawrence, Mass.
 Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Greibach Instruments Corp.**, 315 North Ave., New Rochelle, N.Y.
 John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1120 (East).
- Gremar Mfg. Co., Inc.**, 7 North Ave., Wakefield, Mass.
 Alpha Aracon Radio Co. Ltd., 555 Wilson Ave., Downsview P.O., Toronto, Ont. ST 8-6181.
 Desser E-E Ltd., 441 St. Francois Xavier, Montreal, Que. VI 5-6570.
- Gresen Mfg. Co.**, 405-35th Ave. N.E., Minneapolis, Minn.
 Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.
- Gries Reproductor Corp.**, 168 Beechwood, New Rochelle, N.Y.
 Faisley Prods. of Canada Ltd., P.O. Box 159, Stn. H., Toronto, Ont. PL 5-2216-7-8.
- Grisby-Allison Co., Inc.**, 407 N. Salem Ave., Arlington Heights, Ill.
 Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- Groov-Pin Corp.**, 1125 Hendricks Causeway, Ridgefield, N.J.
 Metal & Wood Fastening Devices Co., 60 Lakeshore Rd., Valois, Montreal 33, Que. OX 5-4582.
- Grundig Verkaufs GmbH**, Fuerth/Bayern, Kurgartenstr. 37, Germany.
 L. G. Blunt Ltd., 44 York St., Toronto 1, Ont. EM 4-7575 (Industrial Prods.).
- Guardian Electric Mfg. Co.**, 1621 Walnut St. W., Chicago 12, Ill.
 A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111.
- Gudebrod Bros. Silk Co., Inc.**, 12 S. 12th St., Philadelphia 7, Pa.
 E. E. Whitaker, 2137 Niagara Drive, Ottawa, Ont. CE 4-6686.
- Guest Prods. Corp.**, 35-04 30th St., Long Island City, N.Y.
 Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.
- Guidance Controls Corp.**, 110 Duffy Ave., Hicksville, N.Y.
 Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 and 6676.
- Culton Industries, Inc.**, 212 Durham Ave., Metuchen, N.J.
 Titania Electronic Corp. of Canada Ltd., P.O. Box 672, Gananoque, Ont. Gananoque 81.
- H-B Instrument Co.**, American & Bristol Sts., Philadelphia 40, Pa.
 John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.
- Haenni and Co. A. G.**, Jegenstorf, Switzerland.
 Thermovolt Instruments Ltd., P.O. Box 43, Toronto 18, Ont. BE 1-7134.
- Hallam, Sleigh & Cheston Ltd.**, Bagot St., Birmingham 4, England.
 General Communications Ltd., 980 O'Connor Dr., Toronto 16, Ont. PL 5-0771.
- Hallam Electronics Co.**, 8352 Brookhurst Ave., Anaheim, Calif.
 General Sound & Theatre Equipment Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.
- Hallikainen Instruments**, Berkley, Calif.
 Instrudon Corp., 297 Carlton St., Toronto 2, Ont. WA 1-2032.
- Hamilton Hall Resistor Corp.**, 227 North Water St., Milwaukee 2, Wis.
 The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.
- Hamlyn Electronics Corp.**, P.O. Box 385, New York 17, N.Y.
 Aviation Electric Ltd., 200 Laurentien Blvd., P.O. Box 6102, Montreal 9, Que. RI 4-2811.
- The Hammarlund Mfg. Co., Inc.**, 460 W. 34th St., New York 1, N.Y.
 The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441; White Radio Ltd., P.O. Box 463, Hamilton, Ont. JA 2-1716.
- Hanovia Lamps**, Bath Rd., Chippenham, Slough, Bucks., England.
 Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.
- Hardwick, Hindle, Inc.**, 40 Hermon St., Newark 5, N.J.
 John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824 (East); Ray Johnston Co., 1011 East 69th St., Seattle 15, Wash. LA 4-5170.
- Harman-Kardon Inc.**, 520 Main St., Westbury, L. I., N.Y.
 Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.
- W. Harrison**, Station Rd., Midge Hall, Lancs., England.
 Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- Harrison Labs.**, 45 Industrial Rd., Berkeley Hts., N.J. CR 3-9123.
- Harford Steel Ball Co., Inc.**, Hartford 6, Conn.
 Lyman Tube & Bearings Ltd., 5420 Pare St., Montreal 16, Que. RI 8-6953.
- Hartley Prods. Co.**, 521 E. 162nd St., New York 51, N.Y.
 J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Erie Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.
- The Hartman Electrical Mfg. Co.**, 175 N. Diamond St., Mansfield, O.
 Aircraft Appliances & Equipment Ltd., 585 Dixon Side Rd., Box 177, Weston, Ont. CH 4-5506.
- Hartmann & Braun A.G.**, Frankfurt/Main West 13, Graefstr. 93-97, W. Germany.
 The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.
- Harvey Mfg.**, 408 St. Paul's, Rochester, N.Y.
 Hope Machinery Co., 200 Dalhousie St., Toronto 2, Ont. EM 3-8579.
- Harwald Co.**, 1245 Chicago Ave., Evanston, Ill.
 Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.
- Harwin Engineers Ltd.**, Rodney Rd., Portsmouth, Hants., England. 35555.
- Hasler A.G.**, Beltstrasse 23, Berne, Switzerland.
 Engineered Sound Systems Ltd., 169 Kipling Ave. S., Toronto 18, Ont. BE 3-2155 (Ont.).
- Hasler S.A.**, Berne, Switzerland.
 Radio Communications Equipment & Engrg. Ltd., 850 Fifth Ave., Lachine, Montreal 32, Que. ME 7-3743.
- Hastings Raydist Inc.**, Newcombe Ave., Hampton, Va.
 Keith Mercer Co. Ltd., 5165 Sherbrooke St. W., Montreal, Que. DE 8411 and P.O. Box Station K, 876 Eglinton E., Toronto, Ont. HU 8-5831 (Ont. & East).
- Hathaway Instrument Co.**, 1315 S. Clarkson, Denver 9, Co.
 Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.
- Haveg Industries, Inc.**, 900 Greenbank Rd., Wilmington 8, Del.
 Willard Spenser Co., 3238 Curry Ave., Windsor, Ont. YO 9-1332 (Ont. & Que.).
- The A. W. Haydon Co.**, 232 N. Elm St., Waterbury 20, Conn.
 Philips Electronics Industries Ltd., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.
- Haydon Div., General Time Corp.**, 245 E. Elm St., Torrington, Conn. HU 9-3158.
- Haydon Switch, Inc.**, 536 S. Leonard St., Waterbury 20, Conn.
 Philips Electronics Industries Ltd., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.
- Heddo Tape Co. Ltd.**, London, England.
 Tenatonics Ltd., P.O. Box 659, Davis Dr. E., Newmarket, Ont. TW 5-4583.
- Heinemann Electric Co.**, 166 Plum St., Trenton 2, N.J.
 F. D. Bolton Ltd. and Douglas Power Equip't. Ltd., 826 Hastings St. E., Vancouver 4, B.C. MU 4-5658 (West); D. T. Shaw, 2340 Lucerne Rd., Montreal 16, Que. RI 8-7010 (East).
- Heldor Mfg. Co., Inc.**, 238 Lewis St., Patterson, N.J. AR 1-0900.
- Hell-Coil Corp.**, Danbury, Conn.
 W. R. Watkins Co. Ltd., 41 Kipling Ave. S., Toronto 18, Ont. BE 3-2161.
- Dr. Ing. Rudolf Hell, Kiel, Grenzstrasse 1-5, Germany.**
 Sears Ltd., 253 Spadina Rd., Toronto 4, Ont. WA 4-0701 (Graphic Equipment); The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441 (Morse & Telephoto Equipment).
- Henry & Thomas Ltd.**, London, England.
 Mechcon Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St. W., Montreal 6, Que.
- Heppner Mfg. Co.**, P.O. Box 698, Round Lake, Ill.
 P. J. Heenan Ltd., 669 Bayview Ave., Toronto 17; Ont. HU 1-2291 (East).
- Hermetic Seal Transformer Co.**, 555 N. 5th, P.O. Box 277, Garland, Tex. BR 6-5141.
- Hetherington, Inc.**, Delmar Dr., Folcroft, Pa.
 Leonard Electric Ltd., 346 Bering Ave., Toronto 18, Ont. BE 1-2731.
- Hewlett-Packard Co.**, 275 Page Mill Rd., Palo Alto, Calif.
 Atlas Instrument Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- The Hewson Co., Inc.**, Newark, N.J.
 Lisle Instrument Systems, 577 Eglinton Ave. W., Toronto 12, Ont. HU 8-2782 and 100 Ballantyne Ave. S., Montreal, Que.; Powerlite Devices Ltd., 233 Dunbar Ave., Montreal 16, Que. RE 3-5331; 54 Atomic Ave., Toronto 18, Ont. CL 9-8201; and 882 East Cordova St., Vancouver 4, B.C. MU 3-5344.
- Heyman Mfg. Co.**, 300 N. Michigan Ave., Kenilworth, N.J.
 Cords (Canada) Ltd., 149 Sterling Rd., Toronto 3, Ont. LE 7-1221.
- Hi-G Inc.**, Bradley Field, Windsor Locks, Conn.
 John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.
- HI-O Div., Aerovox Corp.**, Myrtle Beach, S. C.
 Aerovox Canada Ltd., 1551 Barton St. E., Hamilton, Ont. LI 5-1186.
- Hickok Electrical Instrument Co.**, 10514 Dupont Ave., Cleveland, O.
 Stark Electronic Sales Co., Ajax, Ont. 125.
- High Voltage Engrg. Corp.**, Burlington, Mass. BR 2-1313.

Hillburn Electronic Prods. Co., 55 Nassau Ave., Brooklyn 22, N.Y. ST 2-3875-6-7.

Hitachi Ltd., Tokyo, Japan.
Hit-Ray Electronics, 1044 Bathurst St., Toronto 4, Ont. LE 4-1802; Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Hiltemp Wires, Inc., 1200 Shames Dr., Westbury, L.I., N.Y. ED 3-4600.

Hoffman Semiconductor Div., Hoffman Electronics Corp., 930 Pitner Ave., Evanston, Ill.

Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470 (Canada except B.C.).

Hollingsworth Co., Solderless Terminal Div., Nutt & French Creek Rds., P.O. Box 430, Phoenixville, Pa.

Hollywood Film Co., Hollywood, Calif.

Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.

Holt Instrument Co., Oconto, Wis.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Holub Industries, Inc., 413 DeKalb Ave., Sycamore, Ill.

A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto 12, Ont. HU 5-9111 (Plastic clamps);

Holyoke Fabrics, Inc., 10 East 39th St., New York, N.Y.

E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; London, Winnipeg and Vancouver.

Hooker Chemical Corp., Niagara Falls, N.Y.

P. N. Soden & Co. Ltd., 2143 St. Patrick St., Montreal 22, Que. WE 5-4602 and 41 Advance Rd., Toronto 18, Ont. BE 3-6289.

Hoover Electronics Co., 110 W. Timonium Rd., Timonium, Md.
The Hoover Co. Ltd., Gage Ave. & Barton St., Hamilton, Ont. LI 5-1151.

Horstmann Gear Co. Ltd., Newbridge Works, Bath, England.
Burlac Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Hose McCann Telephone Co., Inc., 25th St. E.-3rd Ave., Brooklyn 32, N.Y.

Sperry Gyroscope Co. of Canada Ltd., P.O. Box 710, Montreal, Que. RI 7-5561.

Houghton Labs, Inc., 322 Houghton Ave., Olean, N.Y.

Hysol (Canada) Ltd., P.O. Box 53, Postal Stn. "R", 44 Beechwood Dr., Toronto 17, Ont. HO 1-0708.

Howard Industries, Inc., 1760 State St., Racine, Wis.

Alliance Div., General Steel Wares Ltd., 76 Miranda Ave., Toronto 10, Ont. RU 7-2482; GSW-8976 Shanghiessey St., Vancouver, B.C. FA 1-3291; 1745 Sargent Ave., Winnipeg, Man. SP 5-8471; 2355 Delisle St. Montreal, Que. WE 2-6181.

Hoyt Electronic Instrument Works, 42 Carleton St., Cambridge 42, Mass. EL 4-1643.

Harvey Hubbell, Inc., Bridgeport, Connecticut.

W. R. Watkins Co. Ltd., 41 Kipling Ave. S., Toronto 18, Ont. BE 3-2161.

Huber Industries, Inc., 4960 Hillside Ave., Cincinnati 33, O.
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Huggins Labs, Inc., 711 Hamilton Ave., Menlo Park, Calif.
Radionics Ltd., 8230 Mayrand St., Montreal 9, Que. RE 3-3937 (Canada except B.C.).

Hughes Aircraft Co., Culver City, Calif.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and 3333 Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700.

Hughey & Phillips, Inc., 3200 N. San Fernando Blvd., Burbank, Calif.

Beechey Enterprises, 1162 Main St. N., Weston, Ont. CH 4-8501.

Humphrey, Inc., 2805 Canon St., San Diego 6, Calif.

Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741.

A. H. Hunt (Capacitors) Ltd., Garrett Lane, London S.W. 18, England.

Adams Engrg. Ltd., 1500 St. Catherine St. W., Montreal 16, Que. WE 3-6857; 1999 Avenue Rd., Toronto 12, Ont., HU 8-9487; 77 Metcalfe St., Ottawa, Ont. CE 5-2174.

Hunter Mfg. Co., 30525 Aurora Rd., Solon, Ohio. CH 8-6111.

Hunter Tools, 9851 Alburta, Santa Fe Springs, Calif.

Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Hurst Tool & Mfg. Co., Princeton, Ind.

Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231; R. C. Kahner Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5711 and Box 885, Montreal, Que. CR 1-9858.

Hy-Gain Antenna Prods., 249 N. 48th St., Lincoln, Neb.

E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; London, Winnipeg and Vancouver.

Hycan-Eastern, Inc., 75 Cambridge Pkwy., Cambridge 42, Mass.

Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Hydraulic Research & Mfg. Co., 2835 N. Naomi St., Burbank, Calif.

Aircraft Appliances & Equipment Ltd., 585 Dixon Side Rd., Box 177, Weston, Ont. CH 4-5506-7-8.

I

I.D.E.A., Inc., 7900 Pendleton Pike, Indianapolis 26, Ind.

A.T.R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D," Toronto 9, Ont. RO 2-7535 (Canada except B.C.); Dave M. Lee Co., 2517 Second Ave., Seattle 1, Wash. MA 3512 (Regency Div.-B.C.).

IE Mfg., 325 N. Hoynes Ave., Chicago 12, Ill.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

I-T-E Circuit Breaker Co., 601 E. Erie Ave., Philadelphia 34, Pa. GA 6-5700.

Ideal Industries Ltd., 5103 Park & Borden Aves., Sycamore, Ill.

Irving Smith Ltd., 2095 Madison Ave., Montreal 28, Que. HU 4-1153.

Ideal Precision Meter Co., Inc., 126 Greenpoint Ave., Brooklyn 22, N.Y.

Illinois Condenser Co., 1616 N. Thorpe St., Chicago 22, Ill. EV 4-1300.

Active Radio, 58 Spadina Ave., Toronto 2B, Ont.

Ilumitronic Engrs., 680 E. Taylor, Sunnyvale, Calif.

Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Alfred Imhof Ltd., 112-116 New Oxford St., London, W.C. 1, England. MU 7878.

Mel Sales Ltd., Arnprior, Ont. 400.

Imperial Chemical Industries Ltd., Plastics Division, Herts, England.

Canadian Industries Ltd., P.O. Box 10, Montreal, Que. UN 1-2571.

The Indiana Steel Products Co., 405 Elm St., Valparaiso, Ind.

The Indiana Steel Products Co. of Canada Ltd., 135 Hayward St., Kitchener, Ont. SH 3-0244.

Induction Heating Corp., 181 Wythe Ave., Brooklyn 11, N.Y.

Induction Motors Corp., 570 Main St., Westbury, L.I., N.Y.

M. J. Howard & Co. Ltd., 1206 Bank St., Ottawa, Ont. CE 5-9931.

Industrial Control Co., 805 Albin Ave., Lindenhurst, L.I., N.Y.

Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Industrial Development Labs., Inc., 17 Pollock Ave., Jersey City 5, N.J.

Industrial Devices, Inc., 982 River Rd., Edgewater, N.J.

Willard Spenser Co., 3238 Curry Ave., Windsor, Ont. YO 9-1332 (Ont. & Que.).

Industrial Electronic Engineers, 3973 Lankershim Blvd., N. Hollywood, Calif.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429.

Industrial Hardware Mfg. Co., Inc., 109 Prince St., New York 12, N.Y.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Industrial Instruments, Inc., 89 Commerce Rd., Cedar Grove, N.J.

Associated Instrumentation & Controls Ltd., 2655 Bates Rd., Montreal 26, Que. RE 8-1167 (East); Lisle Instrument Systems, 577 Eglinton Ave. W., Toronto 12, Ont. HU 8-2782 and 100 Balantyne Ave. S., Montreal, Que. Van Waters & Rogers Co. Ltd., Scientific Supplies Div., 2625 Skeena St., Vancouver 12, B.C. HE 3-0521 (Alta. & B.C.).

Industrial Prods. Co., Federal Rd., Danbury, Conn.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Industrial Radio Corp., 428 N. Parkside Ave., Chicago 44, Ill.

Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RU 2-8224.

Industrial Retaining Ring Co., 57 Cordier St., Irvington 11, N.J.

H. A. Ness & Co., 48 Lavonia Ave., Toronto, Ont. RO 2-2891 (Ont.).

Industrial Tectronics, Inc., Ann Arbor, Mich.

John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824 (Ont.).

Industrial Test Equipment Co., 55 E. 11th St., New York 3, N.Y.

Industrial Timer Corp., 1407 Mc-Carter Hwy., Newark 4, N.J.

A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. RU 5-9111.

Industrial Transformer Corp., Gouldsboro, Pa. VI 2-2111.

Industrial Winding Machinery Corp., P.O. Box 62, New York 5, N.Y. WH 3-1754.

Inertia Switch, Inc., 311 West 43rd St., New York 36, N.Y.

Leonard Electric Ltd., 346 Bering Ave., Toronto 18, Ont. BE 1-2731.

Inet Div., Leach Corp., 18435 Susana Rd., Compton, Calif.

Brian Engrs. Ltd., 5275 Van Horne Ave., Montreal Que. RE 7-2800.

The Infra Red Development Co. Ltd., 40 Tewin Rd., Welwyn Garden City, Herts., England.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

Ingenieur Büro Atlas, Kiel, Germany.

L. G. Blunt Ltd., 44 York St., Toronto 1, Ont. EM 4-7575.

Injectorall Co., 2081 Shore Parkway, Brooklyn 14, N.Y.

J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Elder Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.

Inso Prods. Ltd., 404 Fifth Ave., New York 18, N.Y.

Instron Engrg. Corp., 2500 Washington St., Canton Mass.

Elder Electronics, 3220 Robert St., Burlington, Ont. NE 4-0511 (Ont. & Que.).

Instrument Development Labs., 67 Mechanic St., Attleboro, Mass.

Mel Sales Ltd., Arnprior, Ont. 400.

Instrument Labs., 315 W. Walton Pl., Chicago 10, Ill.

General Communications Ltd., 980 O'Connor Dr., Toronto 16, Ont. PL 5-0771.

Instruments for Industry, Inc., 155 Glen Cove Rd., Mineola, L.I., N.Y.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto (Ont. & Que.).

Insulators Ltd., England.

Pfeiffer Electronic Labs., Box 316, Trenton, Ont. EX 2-3498.

Insuloid Mfg. Co. Ltd., Sharon Works, Leestown Rd., Wythenshawe, Manchester, England.

Electrovert Ltd., 265 Craig St. W., Montreal, Que. UN 1-1872 and P.O. Box 23, Stn. "N," Toronto, Ont. CL 5-4436.

International Electronic Research Corp., 145 W. Magnolia Blvd., Burbank, Calif.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429; and 3333 Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700 (East); Don Smith Sales Co., 2204 N. 45th St., Seattle 3, Wash. (B.C.).

International Instruments, Inc., P.O. Box 2954, New Haven, Conn.

E. E. Whitaker, 2137 Niagara Drive, Ottawa, Ont. CE 4-4686.

International Magnetic Electronics Co., Minneapolis, Minn.

International Radiant Corp., 111 New York Ave., Westbury, N.Y.

Mel Sales Ltd., Arnprior, Ont. 400.

International Research & Development Corp., P.O. Box 55, Worthington, O.

Martin Industrial Sales Ltd., P.O. Box 463, Hamilton, Ont. JA 2-1716.

International Telemeter Corp., 2000 Stoner Ave., Los Angeles 25, Calif.

General Theatre Supply Co. Ltd., 861 Bay St., Toronto 5, Ont. EM 4-2438.

Irlon & Vasseler, Schwenningen a.N., W. Germany.

Aeromotive Engrg. Prods. Ltd., 147 Hymus Blvd., Pointe Claire, Montreal 33, Que. OX 7-0810; and 1912A Avenue Rd., Toronto, Ont. RU 3-4288.

International Telephone & Telegraph Corp., P.O. Box 412, Clifton, N.J.

Lake Engrs. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Iron Fireman Mfg. Co., Electronics Div., 2838 S.E. Ninth Ave., Portland 2, Ore. BE 4-6551.

Isophon-Werke GmbH, Berlin-Tempelhof, Germany.

Geertz & Holm Canada Ltd., 629 Denman, Vancouver 5, B.C. MU 3-5233.

Isotope Developments Ltd., Beenhams Grange, Aldermaston Wharf, Nr. Reading, Berks., England.

Dominion Electromechanical Industries Ltd., Technical Prods. Div., Kitchener, Ont. SH 3-0271.

Itemco, Inc., P.O. Box 191, Port Washington, N.Y.

E. E. Whitaker, 2137 Niagara Dr., Ottawa, Ont. CE 4-4686.

J

J-B-T Instruments Inc., 441 Chapel St., New Haven, Conn.

R. C. Kahner Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171 (East); C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man. SP 4-1855-6 (Lakehead West).

J F D Electronics, Inc., 1462-62nd Ave., Brooklyn 4, N.Y.

John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 (East).

Jack & Heintz, Inc., 17600 Broadway Ave., Cleveland 1, Ohio.

Aircraft Appliances & Equipment Ltd., 585 Dixon Side Rd., Box 177, Weston, Ont. CH 4-5506-7-8.

Jackson Bros. (London) Ltd., Kingsway, Waddon, Croydon, Surrey, England.

R. Mack & Co. Ltd., 7966 Grandville St., Vancouver 14, B.C. KE 6894 (West).

Jackson Electrical Instrument Co., 18 S. Patterson Blvd., Dayton 2, O.

Canadian Marconi Co., Electronic Tube & Components Div., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221.

- Richard Jahre**, Berlin, Germany.
The Ahern & Soper Co. Ltd.,
384 Bank St., Ottawa, Ont. CE
6-9441.
- James Vibrapower Co.**, 4050 N.
Rockwell St., Chicago, Ill.
Telequipment Mfg. Co. Ltd., Box
844, 729 Dundas St., London,
Ont. GE 9-8871.
- Jan Hardware Mfg. Co., Inc.**, 75
N. 11th St., Brooklyn 11, N.Y.
J. J. MacQuarrie Sales, 46 St.
George St., Toronto 5, Ont. WA
3-2455 and Eric Jeanes, 266 Aubrey
St., Winnipeg, Man. SU
3-5442.
- Japan Piezo Electric Co.**, Tokyo,
Japan.
S. H. Parker Co., 1044 Bathurst
St., Toronto, Ont. LE 4-1802.
- Jaquet Ltd.**, 19/25 Thannerstrasse,
Basle, Switzerland.
The J. W. Ellis Industries, 80
Richmond St. E., Toronto, Ont.
EM 6-1434.
- Jeffers Electronics Div., Speer
Carbon Co.**, Hoover Ave., DuBois,
Pa.
Samuel C. Hooker (Canada)
Ltd., 2425 Grand Blvd., Montre-
al, Que. HU 8-8321 and 4126
Bathurst St., Downsview, Ont.
ME 5-1470.
- The C. O. Jelliff Mfg. Corp.**, Pe-
quott Rd., Southport, Conn. CL
9-1615.
J. J. Theobald, Ind., 9 E. Genesee
St., Skaneateles, N.Y.
- Jennings Radio Mfg. Corp.**, P.O.
Box 1278, San Jose 8, Calif. CY
2-4025.
- Jenny Industries**, 508 W. Liberty
Rome, N.Y.
Willard Spenser Co., 3238 Curry
Ave., Windsor, Ont. YO 9-1332
(Ont. & Que.).
- J/S Jensen Electric**, Industrigaar-
den, 86 Finsensvej, Copenhagen,
Denmark.
Associated Electronic Compon-
ents, 37 Roselawn Ave., Toronto
12, Ont. HU 1-0144.
- Jensen Industries, Inc.**, 7333 W.
Harrison St., Forest Park, Ill.
A. T. R. Armstrong Ltd., 700
Weston Rd., P.O. Box 38, Stn.
"D," Toronto 9, Ont. RO 2-7535.
- Jensen Mfg. Co.**, 6601 S. Laramie
Ave., Chicago 38, Ill.
Renfrew Electric Co. Ltd., Jensen
Speakers Div., 349 Carlaw Ave.,
Toronto 8, Ont. HO 1-3511.
- Jerrold Electronics Corp.**, Ind.
Prods. Div., The Jerrold Bldg.,
15th & Lehigh, Philadelphia 32,
Pa.
Jerrold Electronics (Canada) Ltd.
and Atlas Radio Corp. Ltd., 50
Wingold Ave., Toronto 19, Ont.
RU 1-6174; Canadian Electronics
Ltd., 109 St. & 107 Ave., Edmon-
ton, Alta. 4-6451.
- Jersey Specialty Co., Inc.**, Little
Falls, N.J.
J. J. MacQuarrie Sales, 46 St.
George St., Toronto 5, Ont. WA
3-2455 and Eric Jeanes, 266 Aubrey
St., Winnipeg, Man. SU
3-5442.
- E. F. Johnson Co.**, 206 Second
Ave., S.W., Waseca, Minn.
A. C. Simmonds & Sons Ltd.,
100 Merton St., Toronto, Ont.
HU 5-9111; Dave M. Lee Co.,
Inc., 2517 Second Ave., Seattle
1, Wash. MA 2-5512 (B.C.).
- Johnson Bronze**, New Castle, Pa.
Lyman Tube & Bearings Ltd.,
5420 Pare St., Montreal 16, Que.
RI 8-6953.
- Johnson Electronics, Inc.**, P.O. Box
1675, Casselbury, Fla.
John R. Tilton Ltd., 51 Mc-
Cormack St., Toronto 9, Ont.
RO 9-1129 (East).
- Johnson Matthey & Co. Ltd.**,
Hutton Garden, London E.C.1,
England.
Johnson Matthey & Mallory
Ltd., 110 Industry St., Toronto
15, Ont. RO 2-7201; A. C. Sim-
monds & Sons Ltd., 100 Merton
St., Toronto 7, Ont. HU 5-9111.
- Herriek L. Johnston, Inc.**, Colum-
bus 8, Ohio.
Canavia Engrs. & Sales Co.,
Malton, Ont. BU 6-2241; and 902
Ducharme Rd., Windsor, Ont.
- Jonathan Mfg. Co.**, 320 E. Walnut,
Fullerton 1, Calif.
E. E. Whitaker, 2137 Niagara
Drive, Ottawa, Ontario. CE
4-4686.
- Jones & Lamson Machine Co.**,
Springfield, Vt. TU 5-2131.
- Hiram Jones Electronics**, 2313 W.
Olive St., Burbank, Calif.
E. S. Gould Sales Co., 353 St.
Nicholas St., Montreal, Que. AV
8-5225.
- M. C. Jones Electronics Co., Inc.**,
185 N. Main St., Bristol, Conn.
Bayly Engrs. Ltd., Hunt St.,
Ajax, Ont. Toronto EM 2-3741
and 48 Sparks St., Ottawa, Ont.
CE 2-9821.
- Jones Stroud Ltd.**, Nottingham,
England.
Astral Electric Co. Ltd., 44
Danforth Rd., Toronto 13, Ont.
OX 1-1131.
- Jorden Electronics Co.**, Alhambra,
Calif.
Electrodesign, 736 Notre Dame
St. W., Montreal, Que. UN
6-7367; also at Ottawa and Tor-
onto.
- Joyce, Loebel & Co. Ltd.**, Vine
Lane, Newcastle-upon-Tyne, Eng-
land.
Electrodesign, 736 Notre Dame
St. W., Montreal, Que. UN
6-7367, also at Ottawa & Tor-
onto (Ont. & Que.).
- Julie Research Labs., Inc.**, 556 W.
16th St., New York 32, N.Y.
Philips Electronics Industries
Ltd., 116 Vanderhoof Ave., Tor-
onto 17, Ont. HU 3-8621; Radio-
nics Ltd., 8230 Mayrand St.,
Montreal 9, Que. RE 3-3937.
- K**
- K.L.G. Sparking Plugs Ltd.**, Special
Prods. Div., Putney Vale,
London S.W. 15, England.
Consolidated Electronic Equip-
ment Co. Ltd., 94 Sheppard Ave.
W., Willowdale, Ont. BA 5-6921.
- KLI Research & Development
Corp.**, 30 Cross St., Cambridge 39,
Mass.
Kaar Engrg. Corp., 2995 Middle-
field Rd., Palo Alto, Calif.
Tele-Radio Systems Ltd., 3534
Dundas St. W., Toronto 9, Ont.
RO 2-8224.
- Kahle Engrg. Co.**, 3322 Hudson
Ave., Union City N.J. UN 7-6500.
- Kahn & Co.**, 541 Windsor St., Box
516, Hartford, Conn.
Beechey Enterprises, 1162 Main
St. N., Weston, Ont. CH 4-8051.
- Kansai Works Co. Ltd.**,
Nishintoin Shijo Agaru, Nakagyo-
ku, Kyoto.
- Kasama Company Ltd.**, 59/61
Union St., London, S.E.1, England.
Conway Electronic Enterprises
Reg'd., 1514 Eglinton Ave. W.,
Toronto 10, Ont. RU 3-6576 &
6676.
- Kato Engrg. Co.**, 1415 First Ave.,
Mankato, Minn.
Acme Electric Corp. Ltd., 50
Northline Rd., Toronto 16, Ont.
PL 5-3315 (Ont. & East); Chas.
L. Thompson Ltd., 3093 Wood-
bine Dr., N. Vancouver, B.C. YU
8-2597 and 87 King St., Winni-
peg 2, Man. WH 3-8231 (West).
- Katolight Corp.**, First Ave. at
Chestnut St., Mankato, Minn.
Acme Electric Corp. Ltd., 50
Northline Rd., Toronto 16, Ont.
PL 5-3315 (Ont. & East); Chas.
L. Thompson Ltd., 3093 Wood-
bine Dr., N. Vancouver, B.C.
YU 8-2597 and 87 King St., Win-
nipeg 2; Man. WH 3-8231
(West).
- Kay Electric Co.**, 14 Maple Ave.,
Pine Brook, N.J.
Mel Sales Ltd., Arnprior, Ont.
400.
- The Kaynar Co.**, Los Angeles,
Calif.
Abercorn Aero Ltd., 7435 Chester
Ave., Montreal 29, Que. HU
9-4978.
- Kearfott Co., Inc.**, 1378 Main Ave.,
Clifton, N.J.
Canadian Applied Research Ltd.,
1500 O'Connor Dr., Toronto 16,
Ont. PL 9-2241; Lake Engrg. Co.
- Ltd., 123 Manville Rd., Scar-
borough, Ont. PL 7-3253; Elcom
Marketing Ltd., 123 Manville Rd.,
Scarborough, Ont. OX 8-3691.
- Kell Engrg. Prods.**, 4356 Duncan
Ave., St. Louis 10, Mo.
- Keithley Instrument, Inc.**, 12415
Euclid Ave., Cleveland 6, O.
- Keleket X-Ray Corp.**, Boston,
Mass.
J. B. Pritchard, 35 Irvington
Cres., Willowdale, Ont. BA
1-4774 (Ont.).
- Kellogg Switchboard & Supply Co.**,
79 W. Monroe St., Chicago 3, Ill.
Electrolabs, 7385 St. Lawrence
Blvd., Montreal, Que. CR 6-6076
(Que.); Electronic Service Sup-
ply Co., 210-9th Ave. S.E., Cal-
gary, Alta. AM 6-6048 (West).
- Kelvin Electric Co.**, 5907 Noble
Ave., Van Nuys, Calif.
Conway Electronic Enterprises
Reg'd., 1514 Eglinton Ave. W.,
Toronto 10, Ont. RU 3-6576 &
6676.
- Kelvin & Hughes (Aviation) Ltd.**,
Basingstoke, Hants, England.
Kelvin & Hughes (Canada) Ltd.,
401 McGill St., Montreal, Que.
VI 5-1243; also at Halifax, Saint
John & Ottawa.
- Kelvin & Hughes (Industrial) Ltd.**,
2 Canton St., London S.W.1,
England.
Kelvin & Hughes (Canada) Ltd.,
401 McGill St., Montreal, Que.
VI 5-1243; also at Halifax, Saint
John & Ottawa.
- Kelvin & Hughes (Marine) Ltd.**,
99 Fenchurch St., London E.C.3,
England.
Kelvin & Hughes (Canada) Ltd.,
401 McGill St., Montreal, Que.
VI 5-1243; also at Halifax, Saint
John & Ottawa.
- Kemede Mfg. Co.**, 161 W. 18th
St., New York, N.Y.
E. S. Gould Sales Co., 353 St.
Nicholas St., Montreal, Que. AV
8-5225; London, Winnipeg and
Vancouver.
- Kemtron Electron Prods., Inc.**, 14
Prince Place, Newburyport, Mass.
Lake Engrg. Co. Ltd., 123 Man-
ville Rd., Scarborough, Ont. PL
7-3253; Elcom Marketing Ltd.,
123 Manville Rd., Scarborough,
Ont. OX 8-3691.
- D. S. Kennedy & Co.**, 155 King
St. Cohasset, Mass. EV 3-1200 and
Satellite-Kennedy, Inc., P.O. Box
1711, Monterey, Calif. FR 3-2461.
Bristol Aeroplane Co. Ltd., 200
International Aviation Bldg.,
Montreal 3, Que.
- Kenwood Engrg. Co., Inc.**, 265
Colfax Ave., Kenilworth, N.J. CH
5-0100.
- Kepece Labs. Inc.**, 131-38 Sanford
Ave., Flushing 55, N.Y. IN 1-7000.
W. Leonard of Canada Ltd.,
1070 Birchmount Rd., Box 70,
O'Connor P.O., Toronto 16, Ont.
- Keystone Electronics Corp.**, 49
Bleeker St., New York 12, N.Y.
Norris Burgess, 418 Mt. Pleasant
Rd., Toronto 7, Ont. HU 9-1854.
- Keystone Products Co.**, 904 23rd
St., Union City, N.J. UN 6-5400.
- The Keyswitch Co.**, Irongate Wharf
Rd. & Praed St., London W.2,
England.
- Kings Electronics Co.**, 40 Marble-
dale Rd., Tuckahoe, N.Y.
Kings Electronics (Canada) Ltd.,
2425 Grand Blvd., Montreal,
Que. HU 8-8321 & 8744.
- Kingston Electronics Corp.**, Med-
field, Mass.
William Cohen Ltd., 8900 Tan-
guish St., Montreal, Que. DU
8-9201.
- Kin-Tel**, 5725 Kearney Villa Rd.,
San Diego, Calif.
ARVA, Room G.7, Marine Bldg.,
355 Burrard St., Vancouver 1,
B.C. Atlas Instrument Corp. Ltd.,
50 Wingold Ave., Toronto 19,
Ont. RU 1-6174.
- Kirel, Inc.**, Kingston, N.Y.
W. R. Watkins Co. Ltd., 41 Kip-
ling Ave. S., Toronto 18, Ont.
BE 3-2161.
- Kistler Instruments Co., Inc.**, 15
Webster St. N. Tonawanda, N.Y.
Electromechanical Prods., Mark-
- ham Rd., Agincourt, Ont. AX
3-7011.
- Kleinschmidt Labs., Deerfield, Ill.**
Smith-Corona (Canada) Ltd., 30
Bertrand Ave., Scarborough, Ont.
PL 9-4181.
- Kliegl Bros.**, 321 W. 50th St., New
York 19, N.Y.
Alex L. Clark Ltd., 3745 Bloor
St. W., Toronto 18, Ont. BE
1-3303.
- Dipl. Ing. Ulrich Knick**, Berlin-
Zehlendorf, Katharinenstrasse 2-4,
W. Germany.
The J. W. Ellis Industries, 80
Richmond St. E., Toronto, Ont.
EM 6-1434.
- Knight Electronics Corp.**, 210 S.
Desplaines St., Chicago 6, Ill. CE
6-9696.
- James Knights Co.**, 101 E. Church
St., Sandwich, Ill.
Lake Engrg. Co. Ltd., 123 Man-
ville Rd., Scarborough, Ont. PL
7-3253; Elcom Marketing Ltd.,
123 Manville Rd., Scarborough,
Ont. OX 8-3691.
- Koa Denki**, Tokyo, Japan.
Smyth Electronic Components
Ltd., 380 Craig St. W., Montreal
1, Que. AV 8-6281.
- Kollsman Instrument Corp.**, 80-08
45 Ave., Elmhurst 73, L.I., N.Y.
and Glendale, Calif.
Sperry Gyroscope Co. of Canada
Ltd., P.O. Box 710, Montreal,
Que. RI 7-5561.
- Krauter & Co., Inc.**, 583 18th
Ave., Newark 3, N.J.
Ron Merritt Co., Room G.7,
Marine Bldg., 355 Burrard
Vancouver 1, B.C. MU 1-3367
(West).
- Herb Kreckman Co.**, Cresco, Pa.
Robert J. Buckland, 56 Water
St., Chatham, Ont. EL 4-3106.
- H. C. Kroeplin GmbH**, Auf der
Roethe, Schluesslern, W. Germany.
The J. W. Ellis Industries, 80
Richmond St. E., Toronto, Ont.
EM 6-1434.
- Krohn-Hite Export Corp.**, 580
Massachusetts Ave., Cambridge 39,
Mass.
Mel Sales Ltd., Arnprior, Ont.
400.
- Kulka Electric Corp.**, 633 S. Fulton
Ave., Mt. Vernon, N.Y.
A. T. R. Armstrong Ltd., 700
Weston Rd., P.O. Box 38, Stn.
"D," Toronto 9, Ont. RO 2-7535.
- Kunkler Condensers Co.**, Germany.
Kupfrian Mfg. Corp., 157 Prospect
Ave., Binghamton, N.Y.
J. J. MacQuarrie Sales, 46 St.
George St., Toronto 5, Ont. WA
3-2455 and Eric Jeanes, 266 Aubrey
St., Winnipeg, Man. SU
3-5442.
- Kurman Electric Co.**, Div. of
Norbute Corp., c/o Terminal Radio
Int'l. Ltd., 135 Liberty St., New
York 6, N.Y.
E. E. Whitaker, 2137 Niagara
Dr., Ottawa, Ont.; and 12 Glen-
morris Dr., Dundas, Ont. ME
8-8460.
- Kurz-Kash Inc.**, 1421 S. Broadway,
Dayton, O.
- Kuthe Labs., Inc.**, 730 South 13th
St., Newark 3, N.J.
Lake Engrg. Co. Ltd., 123 Man-
ville Rd., Scarborough, Ont. PL
7-3253; Elcom Marketing Ltd.,
123 Manville Rd., Scarborough,
Ont. OX 8-3691.
- Kwikheat Mfg. Co.**, 3732 San Fer-
nando Rd., Glendale 4, Calif. CH
5-2376.
- Moore Bros. Machinery Co. Ltd.**,
953 St. James St. W., Montre-
al, Que.
- L**
- Labgear Ltd., Willow Pl.**, Cam-
bridge, England.
Conway Electronic Enterprises
Reg'd., 1514 Eglinton Ave. W.,
Toronto 10, Ont. RU 3-6576 &
6676.
- Laboratorium Dr. Justus Rosen-
hagen**, Hamburg, Germany.
Mechron Engrs. Prods. Ltd., 2437
Kaladar Ave., Ottawa, Ont. RE
3-3855; 2279 Yonge St., Toronto,
Ont. HU 1-5639; 4206 St. Cath-
arine St. W., Montreal 6, Que.

Laboratory for Electronics, Inc., 75 Pitts St., Boston 14, Mass.
Electromechanical Prods., Markham Rd., Agincourt, Ont. OX 3-7011.

Labtronics, Inc., 3656 N. Lincoln, Chicago 13, Ill.
Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Etablissements Lagier, 2 Pl. General-Ferrie, Marseille 8e., France. PR. 69.86, 69.87 & 69.88 and 128 Blvd. Hausmann, Paris 8e., France. LA 13.98.

Lake Chemical Co., 3052 W. Carroll Ave., Chicago 12, Ill.
Empire Engrg. Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.

Lake Mfg. Co., Inc., 2323 Chestnut St., Oakland 7, Calif.
Electronic Service Supply Co., 210-9th Ave. S.E., Calgary, Alta. AM 6-6048.

Lambda-Pacific Engrg., Inc., 14725 Arminta St., Van Nuys, Calif.
ARVA, Room G-7 Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367.
Beaconing Optical & Precision Materials Co. Ltd., 455 Craig St. W., Montreal, Que. UN 6-8395.

Lampkin Labs., Inc., Equipment Div., Bradenton, Fla. 6-1906.

Landis & Gyr, Inc., 45 W 45th St., New York 36, N.Y.
John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.

Dr. B. Lange, Hermannstrasse 14-18, Berlin-Zehlendorf, W. Germany.

The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.

James B. Lansing Sound Inc., 3249 Casitas Ave., Los Angeles 39, Calif.
Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.

Lapp Insulator Co., Inc., Radio Specialties Div., 41 Gilbert St., Leroy, N.Y.
D. T. Shaw, 2340 Lucerne Rd., Montreal 16, Que. RI 8-7010.

Lavoie Labs., Inc., Mattawan & Freehold Rd. Morganville N.J.
Instronics Ltd. P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806.

Leach Relay Div., Leach Corp., 5915 Avalon Blvd., Los Angeles, Calif.
Brian Engrg. Ltd., 5275 Van Horne Ave., Montreal, Que. RE 7-2800.

H. J. Leak & Co. Ltd., 57/59 Brunel Rd., East Acton, London W.3, England.
Astral Electric Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

Lear, Inc., 110 Ionia Ave., Grand Rapids, Mich.
Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741.

Leecraft Mfg. Co., Inc., 60 Greene St., New York 12, N.Y.
Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Leetronics, Inc., 30 Main St., Brooklyn, N.Y.
William M. Hummel, P.O. Box 190, 150 Pinewood Trail, Port Credit, Ont. CR 8-7666 (One. & Que.).

Legna, 25 rue Gannoner, Paris XVille, France.
Emile Tasso Agencies, 1509 Sherbrooke St. W., Montreal, Que. WE 3-8098.

Lel, Inc., 380 Oak St., Copiague, L.I., N.Y.
E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.

G. H. Leland, Inc., 123 Webster St., Dayton 2, O.
Marland Engrg. Ltd., 154 Victoria St. S., Kitchener, Ont. SH 5-9486.

Lenz Co., 3301 Klepinger Rd., Dayton, Ohio.

Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.

Leonsche Drahtwerke A.G., Nuernberg, Germany.

Lero Electronics, Inc., 501 S Varney St., Burbank, Calif. VI 9-5556.

Airflite Components Co., 71 Dixon Rd., Toronto 15, Ont.

Lesca Costruzioni Elettroniche, Milan, Italy.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Levinthal Electronics Prods., Inc., Stanford Industrial Pk., Palo Alto, Calif.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

The Lewis Machine Co., 3441 E. 76th St., Cleveland, Ohio.
Empire Engrg. Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.

Librascope Inc., 808 Western Ave., Glendale, Calif.
Canadian Applied Research Ltd., 1500 O'Connor Dr., Toronto 16, Ont. PL 9-2241.

Licon Switch Div., Illinois Tool Works, 6606 West Dakin St., Chicago, Ill.
Constellation Components Co., 136 Tower Dr., Scarborough, Ont. PL 7-3359; and 17041 Omega Pl., St. Genevieve, Que. NA 6-5673.

Liebel Flarsheim Co., 111 E. Amity Rd., Cincinnati, Ohio.
X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908.

Erik Lindgren Associates, Inc., 4515 N. Ravenswood Ave., Chicago 40, Ill.
Atlas Instrument Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Line Electric Co., 271 South Sixth St., Newark 3, N.J.
J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Eric Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.

Ling Electronics Corp., 120 Cross St., Winchester, Mass.
Mel Sales Ltd., Arnprior, Ont. Arnprior 400-401.

Ling Systems, Inc., 11949 Vose St., N. Hollywood, Calif.
Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.

Link-Gonset, Young Spring & Wire Corp., 801 S. Main St., Burbank, Calif.

Lintronics Ltd., 47 Charing Cross Rd., London W.C.2, and 3-7 Kinoul Rd., London W.6, England.
Mechron Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St., Montreal 6, Que.

Littelfuse, Inc., 1865 Miner St., Des Plaines, Ill.
Pitt Distributing Co. Ltd., 80 George St., Toronto 2, Ont. EM 4-8268; Dave M. Lee Co. Inc., 2517 Second Ave., Seattle 1, Wash. MA 2-5512 (B.C.); William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-8201.

Liton Industries, 960 Industrial Rd., San Carlos, Calif.
Canadian Marconi Co., Electronic Tube & Components Div., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221.

Liton Industries, Components Div., 215 S. Fulton Ave., Mt. Vernon, N.Y. and 15356 Satcoy St., Van Nuys, Calif. (Usco hardware).
Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Londex Ltd., 207 Anerley Rd., London S.E. 20, England.
Electrovert Ltd., 265 Craig St. W., Montreal, Que. UN 1-1872; and P.O. Box 23, Stn. "N," Toronto, Ont. CL 5-4436.

London Chemical Mfg. Co., 1535 N. 31st Ave., Melrose Park, Ill.
Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont.

PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

London Electrical Mfg. Co. Ltd., Beaver Lane, Hammersmith, London W. 6, England.

Desser E-E Ltd., 441 St. Francois Xavier, Montreal 1, Que. VI 5-6570.

Lorain Prods., Lorain, O.
Hackbusch Electronics Ltd., 23 Primrose Ave., Toronto 4, Ont. LE 1-2453; Automatic Electric Sales (Canada) Ltd., 185 Bartley Dr., Toronto 16, Ont. PL 7-2861.

Lord Mfg. Co., 1635 W. 12th St., Erie 6, Pa.
Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741.

Losenhausenwerk, Dusseldorf, Germany.
A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.

Lovejoy Flexible Coupling Co., Chicago, Ill.
Irving Smith Ltd., 2095 Madison Ave., Montreal 28, Que. HU 4-1153.

Low Moor Alloy Steelworks Ltd., Low Moor, Bradford, Yorks, England. BR 77331/5.

Lowell Mfg. Co., 3030 Laclede Station Rd., St. Louis 17, Mo.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Lumite Div., Chicopee Mills, Inc., 47 Worth St., New York 13, N.Y.
R. C. Kahnet Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

Landey Associates, Inc., 694 Main St., Waltham 54, Mass.
The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Lustraphone Ltd., St. Georges Works, Regents Park Rd., London N.W.1, England.
E.M.I.-Cossor Electronics Ltd., 301 Windsor St., Halifax, N.S., 4-6487; also at Montreal & Toronto; D & H Sound & Signals, Inc., 39 Notre Dame St. E., Montreal 1, Que. UN 7-7141; Industrial and Institutional Communications Ltd., 29 McNaughton Ave., Wallacburg, Ont. MA 7-2132; E. N. Woolley & Associates, 48 Algic Ave., Toronto 18, Ont. CL 9-6261.

The Lux Clock Mfg. Corp., Johnson St., Waterbury, Conn.
L. H. Frost (Canada) Ltd., P.O. Box 425, Oakville, Ont. VI 4-6681.

Luxor Radio A/B, Motala, Sweden.
Smyth Electronic Components Ltd., 380 Craig St. W., Montreal, Que. AV 8-6281.

Lynch Carrier Systems, Inc., 695 Bryant St., San Francisco 7, Calif.
Northern Electric Co. Ltd., 1600 Dorchester St. W., Montreal. Que. WE 7-6071.

M B Mfg. Co., Division of Textronics, Inc., 1060 State St., New Haven 11, Conn.
Upton Braden & James Ltd., 890 Yonge St., Toronto 5, Ont. WA 4-5751. Branches in principal cities across Canada.

M-F Electronics Co., 122 E. 25th St., New York 10, N.Y.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

M. T. E. Control Gear Ltd., Leigh-on-Sea, Essex, England.
Mechron Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St. W., Montreal 6, Que.

MacDonald & Co., 1324 Ethel St., Glendale 7, Calif.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Machinery Electrification, Inc., 56 Hudson St., Northboro, Mass.
Dominion Electrohome Inds. Ltd., Technical Prods. Div., 140 Mansion St., Kitchener, Ont. SH 3-0271.

Machlett Labs., Inc., 1063 Hope St., Springfield, Conn.
Canadian Marconi Co., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221; X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908; J. B. Pritchard, 11 Franklin Ave., Willowdale, Ont. BA 1-9311.

Magna-Tech Electronic Co., 1600 Broadway, New York, N.Y.
Applied Electronics, 434 Church St., Mimico, Toronto 14, Ont. CL 1-8451.

Magnasynce Mfg. Co., 5546 Salsuma Ave., N. Hollywood, Calif.
Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.

Magnavox Co., Fort Wayne, 4, Ind.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Magnecord Div., Midwestern Instruments, Inc., 41 St. & Sheridan, Tulsa, Okla.
Magnecord Canada Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303;

Magnecraft Electric Co., 3352 W. Grand Ave., Chicago 51, Ill. EV 4-6868.

Magnetic Core Corp., John St., Newburgh, N.Y. NE 5116.

Magnetic Metals Co., Hayes Ave. at 21st St., Camden 1, N.J. WO 4-7842.

Magnetics, Inc., Box 391, Butler, Pa. 73-787.
George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont.

Magnetronics, Inc., 49 W. 45th St., New York 36, N.Y.
Instantaneous Recording Services, 42 Lombard St., Toronto 1, Ont. EM 3-5767.

Magnetrol, Inc., Buffalo, N.Y.
Canavia Engrg. & Sales Co., Malton, Ont. BU 6-2241 and 902 Ducharme Rd., Windsor, Ont.

Majestic Winding Co., Bournemouth, England.
Industrial & Institutional Communications Ltd., 29 McNaughton Ave., Wallacburg, Ont. MA 7-2131; E. N. Woolley & Associates, 48 Algic Ave., Toronto 18, Ont. CL 9-6261.

Malco Tool & Mfg. Co., 4025 W. Lake St., Chicago 24, Ill.
Eric Marslars & Co., 824 Victoria St. N., Kitchener, Ont. SH 5-8310; Paramount Agencies, 3131 Western Ave., Seattle 1, Wash. AT 4-1840 (Alta. & B.C.).

P. R. Mallory & Co., Inc., 23 S. Gray St., Indianapolis 6, Ind.
Johnson Matthey & Mallory Ltd., 110 Industry St., Toronto 15, Ont. RO 2-7201. (Metallurgical prods. only);
A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111.

Mandef Mfg. Co., Inc., 2614 W. 48th St., Chicago, Ill.
Eric Marslars & Co., 824 Victoria St. N., Kitchener, Ont. SH 5-8310.

Manheim Mfg. & Belting Co., Manheim, Penn.
Martin Industrial Sales Ltd., P.O. Box 463, Hamilton, Ont. JA 2-1716.

Manson Labs., Inc., 375 Fairfield Ave., Stamford, Conn. DA 5-1391.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

Marco Industries Co., 207 S. Helena St., Anaheim, Calif. (West).
ARVA, Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367.

Marconi Instruments Ltd., Longacres, St. Albans, Herts., England.
Marconi's Wireless Telegraph Co. Ltd., Marconi House, Chelmsford, Essex, England.

Marion Electrical Instrument Co., Grenier Field, Manchester, N.H.
Elder Electronics, 3220 Robert St., Burlington, Ont. NE 4-0511. (Ont. & Que.).

Machlett Labs., Inc., 1063 Hope St., Springfield, Conn.
Canadian Marconi Co., 830 Bayview Ave., Toronto, Ont. HU 1-5221; X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908; J. B. Pritchard, 11 Franklin Ave., Willowdale, Ont. BA 1-9311.

Magna-Tech Electronic Co., 1600 Broadway, New York, N.Y.
Applied Electronics, 434 Church St., Mimico, Toronto 14, Ont. CL 1-8451.

Magnasynce Mfg. Co., 5546 Salsuma Ave., N. Hollywood, Calif.
Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.

Magnavox Co., Fort Wayne, 4, Ind.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Magnecord Div., Midwestern Instruments, Inc., 41 St. & Sheridan, Tulsa, Okla.
Magnecord Canada Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303;

Magnecraft Electric Co., 3352 W. Grand Ave., Chicago 51, Ill. EV 4-6868.

Magnetic Core Corp., John St., Newburgh, N.Y. NE 5116.

Magnetic Metals Co., Hayes Ave. at 21st St., Camden 1, N.J. WO 4-7842.

Magnetics, Inc., Box 391, Butler, Pa. 73-787.
George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont.

Magnetronics, Inc., 49 W. 45th St., New York 36, N.Y.
Instantaneous Recording Services, 42 Lombard St., Toronto 1, Ont. EM 3-5767.

Magnetrol, Inc., Buffalo, N.Y.
Canavia Engrg. & Sales Co., Malton, Ont. BU 6-2241 and 902 Ducharme Rd., Windsor, Ont.

Majestic Winding Co., Bournemouth, England.
Industrial & Institutional Communications Ltd., 29 McNaughton Ave., Wallacburg, Ont. MA 7-2131; E. N. Woolley & Associates, 48 Algic Ave., Toronto 18, Ont. CL 9-6261.

Malco Tool & Mfg. Co., 4025 W. Lake St., Chicago 24, Ill.
Eric Marslars & Co., 824 Victoria St. N., Kitchener, Ont. SH 5-8310; Paramount Agencies, 3131 Western Ave., Seattle 1, Wash. AT 4-1840 (Alta. & B.C.).

P. R. Mallory & Co., Inc., 23 S. Gray St., Indianapolis 6, Ind.
Johnson Matthey & Mallory Ltd., 110 Industry St., Toronto 15, Ont. RO 2-7201. (Metallurgical prods. only);
A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111.

Mandef Mfg. Co., Inc., 2614 W. 48th St., Chicago, Ill.
Eric Marslars & Co., 824 Victoria St. N., Kitchener, Ont. SH 5-8310.

Manheim Mfg. & Belting Co., Manheim, Penn.
Martin Industrial Sales Ltd., P.O. Box 463, Hamilton, Ont. JA 2-1716.

Manson Labs., Inc., 375 Fairfield Ave., Stamford, Conn. DA 5-1391.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

Marco Industries Co., 207 S. Helena St., Anaheim, Calif. (West).
ARVA, Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367.

Marconi Instruments Ltd., Longacres, St. Albans, Herts., England.
Marconi's Wireless Telegraph Co. Ltd., Marconi House, Chelmsford, Essex, England.

Marion Electrical Instrument Co., Grenier Field, Manchester, N.H.
Elder Electronics, 3220 Robert St., Burlington, Ont. NE 4-0511. (Ont. & Que.).

Machlett Labs., Inc., 1063 Hope St., Springfield, Conn.
Canadian Marconi Co., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221; X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908; J. B. Pritchard, 11 Franklin Ave., Willowdale, Ont. BA 1-9311.

Magna-Tech Electronic Co., 1600 Broadway, New York, N.Y.
Applied Electronics, 434 Church St., Mimico, Toronto 14, Ont. CL 1-8451.

Magnasynce Mfg. Co., 5546 Salsuma Ave., N. Hollywood, Calif.
Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.

Magnavox Co., Fort Wayne, 4, Ind.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Magnecord Div., Midwestern Instruments, Inc., 41 St. & Sheridan, Tulsa, Okla.
Magnecord Canada Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303;

Magnecraft Electric Co., 3352 W. Grand Ave., Chicago 51, Ill. EV 4-6868.

Magnetic Core Corp., John St., Newburgh, N.Y. NE 5116.

Magnetic Metals Co., Hayes Ave. at 21st St., Camden 1, N.J. WO 4-7842.

Magnetics, Inc., Box 391, Butler, Pa. 73-787.
George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont.

Magnetronics, Inc., 49 W. 45th St., New York 36, N.Y.
Instantaneous Recording Services, 42 Lombard St., Toronto 1, Ont. EM 3-5767.

Magnetrol, Inc., Buffalo, N.Y.
Canavia Engrg. & Sales Co., Malton, Ont. BU 6-2241 and 902 Ducharme Rd., Windsor, Ont.

Majestic Winding Co., Bournemouth, England.
Industrial & Institutional Communications Ltd., 29 McNaughton Ave., Wallacburg, Ont. MA 7-2131; E. N. Woolley & Associates, 48 Algic Ave., Toronto 18, Ont. CL 9-6261.

Malco Tool & Mfg. Co., 4025 W. Lake St., Chicago 24, Ill.
Eric Marslars & Co., 824 Victoria St. N., Kitchener, Ont. SH 5-8310; Paramount Agencies, 3131 Western Ave., Seattle 1, Wash. AT 4-1840 (Alta. & B.C.).

P. R. Mallory & Co., Inc., 23 S. Gray St., Indianapolis 6, Ind.
Johnson Matthey & Mallory Ltd., 110 Industry St., Toronto 15, Ont. RO 2-7201. (Metallurgical prods. only);
A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111.

Mandef Mfg. Co., Inc., 2614 W. 48th St., Chicago, Ill.
Eric Marslars & Co., 824 Victoria St. N., Kitchener, Ont. SH 5-8310.

Manheim Mfg. & Belting Co., Manheim, Penn.
Martin Industrial Sales Ltd., P.O. Box 463, Hamilton, Ont. JA 2-1716.

Manson Labs., Inc., 375 Fairfield Ave., Stamford, Conn. DA 5-1391.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

Marco Industries Co., 207 S. Helena St., Anaheim, Calif. (West).
ARVA, Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367.

Mark-Tex Corp., 453 West 17th Street, New York 11, N.Y.
Hope Machinery Co., 200 Dalhousie St., Toronto 2, Ont. EM 3-8579.

Marsee Mfg. Co., Chicago, Ill.
R. W. Stark, P.O. Box 185, 32 Plaut St., Renfrew, Ont. HE 2-4358.

Marvel Engrg. Co., 7227 N. Hamilton Ave., Chicago 45, Ill.
Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.

Master Mobile Mounts, Inc., 1306 Bond St., Los Angeles 15, Calif.
Robert J. Buckland Co., 56 Water St., Chatham, Ont. EL 4-3106 (East).

Mastra Mfg. Co., 2104 Superior Ave., Cleveland, Ohio.
Tenatronics Ltd., Davis Dr. E., P.O. Box 659, Newmarket, Ont. TW 5-4583.

Matsushita Electric Industrial Co., Tokyo, Japan.

Maury & Associates, Inc., 10373 Mills Ave., Montclair, Calif.
Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.

Maure Instrument Corp., 7924 S. Exchange Ave., Chicago 17, Ill.
Burlec Sales Ltd., 45 Northline Rd., Toronto, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Max Egon Becker, Autoradiowerk, Rueppenrestrasse 23, Karlsruhe, Germany.
Geerz & Holm Canada Ltd., 629 Denman, Vancouver 5, B.C. MU 3-5233.

W. L. Maxson Co., Langevin Amplifier Div., 47 Austell Pl., Long Island City, N.Y.
Engineered Sound Systems Ltd., 169 Kipling Ave. S., Toronto 18, Ont. BE 3-2155.

Mayfair Molded Prods. Corp., 3700 N. Rose St., Schiller Park, Ill.
John S. Plewes Co., 52 Humblercrest Blvd., Toronto 9, Ont. RO 9-2051.

McIntosh Lab. Inc., 2 Chambers St., Binghamton, N.Y.
E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; London, Winnipeg and Vancouver. Douglas Randall (Canada) Limited, 126 Manville Road, Scarborough, Ont. PL 9-2291.

McLean Engrg. Labs., P.O. Box 228, 70 Washington Rd., Princeton, N.J.
Northern Radio Mfg. Co. Ltd., 1950 Bank St., Ottawa, Ont. RE 3-4440.

McMillan Industrial Corp., Brownville Ave., Ipswich, Mass. EL 6-2926.

Tim-Com Engineering Ltd., Montreal Airport, Montreal 33, Que. ME 1-5353.

The McMurdo Instrument Co. Ltd., Ashted, Surrey, England.
Pfeiffer Electronic Labs., Box 316, Trenton, Ont. EX 2-3498.

Measurements Div., McGraw-Hill Co., Box 180, Boonton, N.J.
H. Roy Gray Ltd., 44 Danforth Rd., Toronto, Ont. OX 1-1131.

Mechanical Prods., Inc., 1824 River St., Jackson, Mich.
Adams Engrg. Ltd., 1500 St. Catherine St. W., Montreal 16, Que. WE 3-6857.

Mechanical Steel Tubing, Inc., 500 Barry St., Bronx 59, New York, N.Y.
Ben Manis Associates Reg'd., 5317 Prince of Wales Ave., Montreal 29, Que. HU 6-1475.

Medelec Ltd., 37a Commercial Rd., Woking, Surrey, England.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Medical Electronics Development Co., 400 Northern Blvd., Great Neck, L.I., N.Y.
X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908.

Megatron Ltd., 115A Fonthill Rd., London N.4., England.
Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-4874.

G.T. Meillon, New York, N.Y.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Menlo Park Engrg., 721 Hamilton Ave., Menlo Park, Calif.
Radionics Ltd., 8230 Maynard St., Montreal 9, Que. RE 3-3937.

Mepeco, Inc., 35 Abbett Ave., Morristown, N.J.
R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 (East); Ray Johnston Co., 1011 East 69th St., Seattle 15, Wash. LA 5-1570.

Mercer Recording Co., Inc., 135-11, 135th Ave., S. Ozone Park 20, New York.

Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 9-1854.

Meridian Metalcraft, Inc., 8739 S. Millersgrove Dr., Whittier, Calif. OX 2-3761.

Merit Coil & Transformer Corp., 2027 Sherman St., Hollywood, Miami, Fla.

C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man. SU 4-1855-6 (Lakehead West).

Mess & Wietchnik GmbH, Paul Graefe, Wenningsen/Deister, W. Germany.
 6-1434.

The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.

Metal Works, Inc., 9 Jefferson Ave., Hermann, Mo.
R. C. Kahner Sales Co. Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

Metals & Controls Corp., 34 Forest St., Attleboro, Mass.
Lloyd B. Jones, 77 Humblercrest Blvd., Toronto 9, Ont. RO 9-4445.

Metallics, Inc., Onalaska, Wis.
Willard Spenser Co., 3238 Curry Ave., Windsor, Ont. YO 9-1332 (Ont. & Que.).

Methode Mfg. Corp., 7447 W. Wilson Ave., Chicago 31, Ill.
P. J. Heenan Ltd., 669 Bayview Ave., Toronto 17, Ont. HU 1-2291 (East).

Metra Corporation, Prague VII, Czechoslovakia.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Metrawatt A.G., Nurnberg, Schopferhofstr. 50-54, Germany.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

Metrix Instruments Ltd., France.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Metronix, Inc., 75 Wilson Mills Rd., Chesterland, Ohio. HA 3-4440.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Metropolitan-Vickers Electrical Co. Ltd., Trafford Park, Manchester 17, England.
Canadian Westinghouse Co. Ltd., Head Office, 286 Sanford Ave. N., Hamilton, Ont. JA 7-0271. Branches in principal cities across Canada; Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676 (Electron microscopes).

Mica Corp., 4031 Elenda St., Culver City, Calif.
E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225.

Micafil Ltd., Zurich, Switzerland.
Brown Boveri (Canada) Ltd., 1015 Beaver Hall Hill, Montreal, Que. UN 6-4961.

Micamod Electronics Mfg. Corp., 1087 Flushing Ave., Brooklyn, N.Y.

General Instrument — F. W. Sickles of Canada Ltd., 151 Weber St. S., P.O. Box 408, Waterloo, Ont. SH 4-8101.

The Micanite & Insulators Co. Ltd., Empire Works, Walthamstow, London E.17, England.
Electrovert Ltd., 265 Craig St. W., Montreal, Que. UN 1-1872; and P.O. Box 23, Stn. "N," Toronto, Ont. CL 5-4436.

Mico Instrument Co., 80 Trowbridge St., Cambridge 38, Mass. KI 7-8660.

Micro-Methods Ltd., East Ardsley, Wakefield, Yorks, England.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Micro-Poise Engineering & Sales, Detroit, Mich.
Canavia Engrg. & Sales Co., Malton, Ont. BU 6-2241 and 902 Ducharme Rd., Windsor, Ont.

Micro-Test, Inc., Los Angeles, Calif.

A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.

Microdot, Inc., 220 Pasadena Ave., S. Pasadena, Calif.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429; Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Microdyne, 300 W. Washington St., Chicago 6, Ill.
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Microlab, 71 Okner Pkwy., Livingston, N.J.

Microtran Co., Inc., 145 E. Mineola Ave., Valley Stream, L.I., N.Y.

E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; Douglas Randall (Canada) Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291.

Microwave Associates, Inc., Northwest Industrial Park, Burlington, Mass.

E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.

Microwave Development Labs., Inc., 92 Broad St., Babson Park 57, Mass.

Dage Corp., 219 E. 44th St., New York, N.Y. MU 2-6755.

Microwave Instruments Ltd., West Chilton Industrial Estate, North Shields, Northumberland, England.
Avionics Ltd., Stone Rd., Box 200, Niagara-on-the-Lake, Ont. HO 8-3632.

Mid Eastern Electronics, 32 Commerce St., Springfield, N.J.
John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129.

Midget Louver Co., 6-8 Wall St., Norwalk, Conn.

Delton Corp., 430 Birchmount Rd., Toronto 13, Ont. OX 9-9366; W. D. Gray & Co., Main & Second Ave., Vancouver. B.C. EX 1545; The Feron Co., Kempf Rd., Halifax, N.S. 4-6475.

James Millen Mfg. Co., Inc., 150 Exchange St., Malden 48, Mass.
H. Roy Gray, Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

J. W. Miller Co., 5917 S. Main St., Los Angeles 3, Calif.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Miller Electric Mfg. Co., 718 S. Bounds St., Appleton, Wis.
Canadian Liquid Air Co. Ltd., 1111 Beaver Hall Hill, Montreal, Que. UN 6-4781.

Miller Harris Instrument Co., 601 E. Ogden St., Milwaukee, Wis.
Willard Spenser Co., 3238 Curry Ave., Windsor, Ont. YO 9-1332 (Ont. & Que.).

M. A. Miller Mfg. Co., 4th and Church Sts., Libertyville, Ill.
Atlas Radio Corp. Ltd., 50

Wingold Ave., Toronto 19, Ont. RU 1-6174.

K. Miller Tool & Mfg. Co., 8 Cass St., Springfield 4, Mass.
Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Millivac Instruments, Div. of Cohu Electronics, P.O. Box 997, 2315 2nd Ave. (Carman), Schenectady, N.Y.

Instronics Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806.

Milman Engrg. Co., 1831 Pontius Ave., Los Angeles, Calif.
Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Milwaukee Resistor Co., 700 Virginia St., Milwaukee, Wis.
Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 9-1854.

Miniature Precision Bearings, Inc., Precision Park, Keene, N.H.
Lyman Tube & Bearings Ltd., (Offices in Montreal, Toronto, London, Hamilton, Winnipeg, Vancouver).

Minifon, Germany.
Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418 (West).

Minneapolis-Honeywell Regulator Co., 2573 Fourth Ave. S., Minneapolis 8, Minn.

Honeywell Controls Ltd., Vanderhoof Ave., Toronto 17, Ont. HU 9-2151; Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676 (Rubicon instruments & Brown recorders).

Mitronics, Inc., 1290 Central Ave., Hillsdale, N.J.
Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.

Mohawk Business Machines Corp., 944 Halsey St., Brooklyn 33, N.Y.
Instantaneous Recording Services, 42 Lombard St., Toronto 1, Ont. EM 3-5767.

Molded Fiberglass Sheet Co., 4301 Benefit Ave., Box 345, Astabula, Ohio.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Mole-Richardson Co., 937 N. Sycamore Ave., Hollywood 38, Calif.
Alex L. Clark Ltd., 3745 Bloor St. W., Toronto 18, Ont. BE 1-3303.

Montgomery Mfg. Co., 208 S. Main St., Owensville, Ind. SA 4-2505.

Moody Machine Prods., 42 Dudley St., Providence 5, R.I.
Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Moog Servocontrols, Inc., Proner Airport, East Aurora, N.Y.
Constellation Components Co., 136 Tower Dr., Scarborough, Ont. PL 7-3359; and 17041 Omega Pl., St. Genevieve, Que. NA 6-5673.

Moore Associates, Inc., 2600 Spring St., Redwood City, Calif.
Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874; Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224; Petro-Automation Industries Ltd., P.O. Box 72, Edmonton, Alta. GL 5-3673.

Moran Prods. Co., 2925 E. 55th St., Cleveland, Ohio.
Tenatronics Ltd., P.O. Box 659, Davis Dr. E., Newmarket, Ont. TW 5-4583.

Morhan Exporting Corp., 458 Broadway, New York 13, N.Y.

Morrison Recording Labs., 120 S. Batavia Ave., Batavia, Ill.
Instantaneous Recording Services, 42 Lombard St., Toronto 1, Ont. EM 3-5767.

Morrow Radio Mfg. Co., P.O. Box 1627, 2794 Market St., Salem, Ore.
Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.

F. L. Moseley Co., 409 N. Fair Oaks Ave., Pasadena, Calif.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 and Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700 (East); ARVA, Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).

Moses Electronics, 330 Locust St., P.O. Box 58, Hartford 1, Conn. Canadian Charts & Supplies Ltd., P.O. Box 34, Oakville, Ont. VI 5-4204 & Toronto EM 6-7182; 1124 St. Antoine St., Montreal 3, Que. UN 6-1152.

Mosley Electronics, Inc., 8622 St. Charles Rock Rd., St. Louis 14, Mo.

Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West); John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129; Robert J. Buckland Co., 56 Water St., Chatham, Ont. EL 4-3106 (East).

Donald P. Mossman, Inc., P.O. Box 265, Brewster, N.Y. Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Motor Gear & Engineering, Chadwell Heath, Essex, England. Lyman Tube & Bearings Ltd., 5420 Pare St., Montreal 16, Que. RI 8-6953.

Motor Generator Corp., Troy, O. Aviquipo of Canada Ltd., 636 St. Paul St. W., Montreal 3, Que. UN 6-4067 and 109 Eglinton Ave. E., Toronto, Ont. HU 3-1211.

Motorola, Inc., Comm. & Electronics Div., 4501 Augusta Blvd., Chicago 51, Ill.

Motorola, Inc., Semiconductor Prods. Div., 5005 E. McDowell Rd., Phoenix, Ariz.; 540 Bergen Blvd., Ridgfield, N.J., WH 5-7500 (East); 4900 Flournoy St., Chicago 44, Ill. ES 9-5200 (Central); 1741 Ivar Ave., Hollywood 28, Calif. HO 2-0821 (West).

Mucon Corp., 9 St. Francis St., Newark, N.J. John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.

Mueller Electric Co., 1583 E. 31st St., Cleveland 14, O. PR 1-5225.

Mueller Lab., 1052 N. Allen Ave., Pasadena, Calif. SY 7-0909, RY 1-5016.

Muirhead & Co. Ltd., Beckenham, Kent, England. Muirhead Instruments Ltd., 677 Erie St., Stratford, Ont. 3717-8.

Mullard Overseas Ltd., Mullard House, Torrington Place, London, W.C. 1, England.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Multicore Solders Ltd., Hemel Hempstead, Herts., England. Chas. W. Pointe Ltd., 66 Racine Rd., Rexdale, Ont.

Multi-Products Co., 21470 Coolidge Hwy., Oak Park, Mich. Robert J. Buckland Co., 56 Water St., Chatham, Ont. EL 4-3106 (East).

Multitone Electric Co. Ltd., 12-20 Underwood St., London N. 1, England.

Multitone of Canada Ltd., 24 Merton St., Toronto 7, Ont. HU 1-0731.

Murata Mfg. Co. Ltd., 1 Hinokio Yamashina, Higashiyama - ku, Kyoto.

The Murdock Corp., 158 Carter St., Chelsea South, Mass. CH 3-0076.

Murex Ltd., Cirencester, Glos., England. Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Murphy & Miller, Inc., 628 W. Taylor St., Chicago 7, Ill. HA 7-8900.

Murphy Radio Ltd., Electronics Div., Welwyn Garden City, Herts., England.

Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.

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NJE Corp., 345 Carnegie Ave., Kenilworth, N.J. CH 1-1500. Radionics Ltd., 8230 Mayrand St., Montreal 9, Que. RE 3-3937.

NRC Equipment Corp., 160 Charlemont St., Newton 61, Mass. Winnett Boyd Ltd., 745 Mt. Pleasant Rd., Toronto 7, Ont. HU 1-3722.

Nagard Ltd., 18 Avenue Rd., Belmont, Surrey, England. Electrodesign, 763 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

Nagaoka Mfg. Co., Tokyo, Japan. S. H. Parker Co., 1044 Bathurst St., Toronto 4, Ont. LE 4-1802.

Nahler Bros. & Thompson Ltd., 99 Dialston Lane, London E. 8, England.

E.C.C. Canada Ltd., 66 Colville Rd., Toronto 15, Ont. CH 4-6455-6.

Narda Microwave Corp., 160 Herricks Rd., Mineola, N.Y. Mel Sales Ltd., Arnprior, Ont. 400.

Narda Ultrasonics Corp., 118-160 Herricks Rd., Mineola, L.I., N.Y. Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676; Ray Johnston Co., 1011 East 69th St., Seattle 15, Wash. LA 4-5170 (B.C.); Mel Sales Ltd., Arnprior, Ont. Arnprior 400-401.

Nash and Thompson Ltd., Oakcroft Rd., Chessington, Surrey, England.

Emille Tasso Agencies, 1509 Sherbrooke St. W., Montreal, Que. WE 3-8098.

National Co., Inc., 61 Sherman St., Malden 48, Mass. Canadian Marconi Co., Electronic Tube & Components Div., 830 Bayview Ave., Toronto 17, Ont. HU 1-5221.

National Electronics, Inc., 628 North St., Geneva, Ill. Wholesale Radio & Electronics Ltd., 66 Orfus Rd., Toronto 19, Ont. RU 7-1271; and 86 Dunedin St., Orillia, Ont. FA 4-2611.

National Instrument Labs., Inc., Washington, D.C. Canavia Engineering & Sales Co., Malton, Ont. BU 6-2241; and 902 Ducharme Rd., Windsor, Ont.

National Moldite Co., 250 South St., Newark 5, N.J. John S. Plesco Co., 52 Humbercrest Blvd., Toronto 9, Ont. RO 9-2051.

National Tel-Tronics Corp., 52 St. Casimir Ave., Yonkers, N.Y. YO 8-6400.

National Theatre Supply Co., 92 Gold St., New York 38, N.Y. General Sound & Theatre Equipment Ltd., 861 Bay St., Toronto 5, Ont. EM 4-2438.

National Union Electric Corp., 1100 E. Bell St., Bloomington, Ill. The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa 4, Ont. CE 6-9441.

Natvar Corp., 211 Randolph Ave., Woodbridge, N.J. E. W. Playford Ltd., P.O. Box 5, Montreal 28, Que. HU 9-5383.

R. W. Neill Co., Inc., 4320 Montrose Ave., Chicago, Ill. National Sound Services Ltd., 1785 Bois Franc Rd., Montreal 9, Que. RI 7-6515.

Nems-Clarke Co., Div. of Vitro Corp. of America, 919 Jesup-Blair Dr., Silver Spring, Md. Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Nesor Alloy Prods. Co., 282 Halsey St., Newark, N.J. Electronic Enterprises Ltd., 270 Vitre St. W., Montreal, Que. UN 1-1838.

Joseph Neuberger, Fabrik elektr. Messinstrumente, Muenchen, Germany.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

P.K. Neuses, Inc., 1103 W. Euclid Rd., Arlington Heights, Ill. Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Neutronic Associates, 93-14 101 Ave., Ozone Park 17, N.Y. VI 7-7703.

New England Nuclear Corp., 575 Albany St., Boston 18, Mass. Radionics Ltd., 8230 Mayrand St., Montreal 9, Que. RE 3-3937.

New England Transformer Co., 47 McGrath Hwy., Somerville 43, Mass.

Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.

New London Instrument Co., Inc., 82 Union St., P.O. Box 189, New London, Conn. Stark Electronic Sales Co., Ajax Ont. 125; Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576.

New York Coil Co., Inc., 40-48 Second Ave., Phoenixville, Pa. Lake Engr. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Newcastle Fabrics Corp., 80 Wythe Ave., Brooklyn 11, N.Y. William Cohen Ltd., 8900 Tanganyika St., Montreal, Que. DU 8-9201 (Que. & East); Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

Newport Instruments (Scientific & Mobile) Ltd., Crawley Rd., Newport Pagnell, Bucks., England. 401.

Newton Bros. (Derby) Ltd., Alfreton Rd., Derby, England. Aviation Electric Ltd., P.O. Box 6102, 200 Laurentine Blvd., Montreal 9, Que. RI 4-2811.

The J. M. Ney Co., Box 990, Hartford 1, Conn. CH 2-2281.

Niagara Electric Sales Co., Inc., 65 South Ave., Salamanca, N.Y. William M. Hummel, P.O. Box 190, 150 Pinewood Trail, Port Credit, Ont. CR 8-7666.

Non-Linear Systems, Inc., Del Mar Airport, Del Mar, Calif. Aeromotive Engrg. Prods. Ltd., 147 Hymus Blvd., Pointe Claire, Montreal 33, Que. OX 7-0810; and 1912A Avenue Rd., Toronto, Ont. RU 3-4288; Burt C. Porter Co., 1209 Poplar Pl., Seattle 44, Wash. EA 3-8330 (B.C.).

Norddeutsche Mende Rundfunk GmbH, Dierich Wilkenstrasse, 23, 39/45 Bremen (Germany). Geertz & Holm Canada Ltd., 629 Denman, Vancouver 5, B.C. MU 3-5233.

Norden Div., United Aircraft Corp., Commerce Rd., Stamford, Conn. Canadian Pratt & Whitney Aircraft Co. Ltd., P.O. Box 10, Longueuil, Montreal 23, Que. OR 4-4941.

Norma-Hoffman Bearings Corp., Stamford, Conn. Lyman Tube & Bearings Ltd., 5420 Pare St., Montreal 16, Que. RI 8-6953.

North American Philips Co., Inc., Elmer Div., Lewiston, Maine. Associated Enterprises, 10729 University Ave., Edmonton, Alta. and 3817 Hertford St., S. Burnaby, B.C. (West).

North Atlantic Industries, Inc., 603 Main St., Westbury, L.I., N.Y. Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

North Electric Co., 553 S. Market St., Galion, O. Ericsson Telephone Sales of Canada Ltd., 130 Bates Rd., Montreal 8, Que. RE 1-6428.

North Hills Electric Co., Inc., 402 Sagamore Ave., Mineola, L.I., N.Y.

Stark Electronic Sales Co., Ajax, Ont. 125; Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

North Shore Nameplate Inc., 214-27 Northern Blvd., Bayside 61, N.Y. Bayside 4-4000.

Northeast Scientific Corp., 617 Concord Ave., Cambridge 38, Mass. Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Northeastern Engrg., Inc., 25 S. Bedford St., Manchester, N.H. Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Northern Radio Co., 314 Beil St., Seattle, Wash. Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.

Northern Radio Co., Inc., 143-145 W. 22nd St., New York 11, N.Y. Northern Radio Mfg. Co. Ltd., 1950 Bank St., Ottawa, Ont. RE 3-4440.

Norton Behr-Manning Overseas, Inc., One New Bond St., Worcester 6, Mass. Behr-Manning (Canada) Ltd., 2326 Dufferin St., Toronto, Ont. RU 2-1114.

Nuclear Corp. of America, Inc., 400 Park Ave., New York 22, N.Y. Associated Instrumentation & Controls Ltd., 2655 Bates Rd., Montreal 26, Que. RE 8-1167.

Nuclear Corp. of America, Inc., Instrument Div., 9842 Manchester Rd., St. Louis, Mo. X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908.

Nuclear Measurements Corp., 2460 N. Arlington Ave., Indianapolis 18, Ind. Nucleonic Corp. of America, 196 Degraw St., Brooklyn 31, N.Y.

Nucleonic Corp. of America, 196 Degraw St., Brooklyn 31, N.Y. Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

Nucleonic Products Co., Inc., 1601 Grande Vista Ave., Los Angeles 23, Calif. Smyth Electronic Components Ltd., 380 Craig St. W., Montreal, Que. AV 8-6281.

Nugent Electronics Co., 802 E. 8th St., New Albany, Ind. E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.

Nutron Mfg. Co., Inc., 67 Munroe Ave., Staten Island, N.Y. Stark Electronic Sales Co., Ajax, Ont. 125.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Nylon Molding Corp., Garwood, N.J. A. Deskin Sales Co., 1091 14th St., St. Martin, Que. MU 1-0201.

O

O.M.I. Corp. of America, 286 Fifth Ave., New York 1, N.Y. Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711.

Oak Mfg. Co., 1260 N. Clybourne Ave., Chicago 10, Ill. Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174; Radio Components Ltd., 50 Wingold Ave., Toronto 19, Ont. OX 9-7747.

Oaktron Industries, Hwy. 69 S., Monroe, Wis. Dage Corp., 219 E. 44th St., New York, N.Y. MU 2-6755.

Offner Electronics, 5320 N. Kedzie Ave., Chicago 25, Ill. X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908.

Ohmite Mfg. Co., 3601 Howard St., Skokie, Ill. C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man. SP 4-1855-6 (Lakehead West); A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111 (East).

Oil-Dyne Inc., 2115 W. Marquette Rd., Chicago 36, Ill.

John Best Co., 96 Kipling Ave. N., Islington, Ont. BE 1-7633.

Olympic Screw & Rivet Corp., Downey, Calif.

Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741; and principal cities across Canada.

Onondaga Pottery Co., Electronics Div., 1858 W. Fayette St., Syracuse, N.Y.

Electrolabs, 7385 St. Lawrence Blvd., Montreal, Que. CR 6-6076.

Opad Electric Co., 69 Murray St., New York 7, N.Y. BE 3-7548.

Optica Corp., Milan, Italy.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.

Optimized Devices, Inc., P.O. Box 38, Gedney Stn., White Plains, N.Y.

Optron Corp., 3526 State St., Santa Barbara, Calif.

Upton Bradeen & James Ltd., 890 Yonge St., Toronto 5, Ont. WA 4-5751.

Oregon Electronic Mfg. Co., 2105 S.E. 6th Ave., Portland 14, Ore.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa & Toronto.

Orradio Industries, Inc., Shamrock Circle, Opelika, Ala.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Ortho Filter Corp., 196 Albion Ave., Paterson 2, N.J.

J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Eric Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.

Oryx Electrical Labs. Ltd., 9 Holmbrook Rd., Hendon, England.

Len Finkler Ltd., 1794 Avenue Rd., Toronto 12, Ont. RU 1-5232.

John Oster Mfg. Co., Avionic Div., 1 Main St., Racine, Wis.
Mr. C. W. Donnelly, 859 E. Fillmore Ave., E. Aurora, N.Y. (Ont. & Que.).

Owen Labs., Inc., 55 Beacon Pl., Pasadena, Calif. RY 1-6901.

Oxford Electric Corp., 556 W. Monroe St., Chicago 6, Ill.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Orley Developments Co. Ltd., Priory Park, Ulverston, Lancs., England.

Pfeiffer Electronic Labs., Box 316, Trenton, Ont. EX 2-3498.

P

PIC Design Corp., 477 Altantic Ave., E. Rockaway, L.I.
Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Pace Electrical Instruments Co., 70-31 - 84th St., Glendale 27, Long Island, N.Y.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Pacific Automation Prods., Inc., 1000 Air Way, Glendale, Calif. CH 5-6871.

Pacific Scientific Co., P.O. Box 22109, Los Angeles 22, Calif.
The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 1255 Laird Blvd., Montreal, Que. RE 8-7605.
Upton Bradeen & James Ltd., 890 Yonge St., Toronto 5, Ont. WA 4-5751.

Pacific Semiconductor, Inc., 10451 W. Jefferson Blvd., Culver City, Calif. TE 0-4881.

E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.

Paco Electronics Co., Inc., 70-30 84th St., Glendale 27, L.I., N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Painton & Co. Ltd., Northampton, England.

Pfeiffer Electronic Labs., Box 316, Trenton, Ont. EX 2-3498.

Palmer Associates, 55 Hall St., Boston, Mass.

William M. Hummel, P.O. Box 190, 150 Pinewood Trail, Port Credit, Ont. CR 8-7666.

G.A. Stanley Palmer Ltd., Maxwell House, Arundel St., London W.C. 2, England. TEM 3721.

The Palmot Co., Glen Rd., Mountainside, N.J.

P. L. Robertson Mfg. Co., Milton, Ont. TR 8-2318; and 100 River St., Montreal, Que. PO 8-6604.

Papeteries Bolore, Fenestre, France.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Paragon Electric Co., 1600 Twelfth St., Two Rivers, Wis.

Automatic Electric Sales (Canada) Ltd., 185 Bartley Dr., Toronto 16, Ont. PL 7-2861. Branches in principal cities across Canada.

Parker Metal Goods, 85 Prescott St., Worcester 8, Mass.

William Cohen Ltd., 8900 Tangway St., Montreal, Que. DU 8-9201.

Parker Seal Co., Culver City, California.

W. R. Watkins Co. Ltd., 41 Kipling Ave. S., Toronto 18, Ont. BE 3-2161.

Robert M. Parks Co., Inc., 7421 Woodrow Wilson Dr., Hollywood 46, Calif.

Partridge Transformers Ltd., Roebuck Rd., Tolworth, Surrey, England.

Robert Q. Partridge, Miami 41, Fla.
Barry Electric Ltd., 346 Bering Ave., Toronto 18, Ont. BE 3-8901.

Paterson Moos Research Div., Universal Winding Co., 90-28 Van Wyck Expressway, Jamaica 18, N.Y.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Peerless Fabrikkerne A/S, 11 Gladsaxe Ringvej, Copenhagen, Denmark.

Associated Electronic Components, 37 Roselawn Ave., Toronto 12, Ont. HU 1-0144.

Peerless Prods. Industries, 812-14-16 N. Pulaski Rd., Chicago 51, Ill. BE 5-9883.

Pelapong Engines, London, England.
C. C. Meredith & Co. Ltd., 80 Thomas St., Streetsville, Ont. TA 6-1141 and Toronto AT 9-4491.

Penn Engineering Co., Doylestown, Pa.

W. R. Watkins Co. Ltd., 41 Kipling Ave. S., Toronto 18, Ont. BE 3-2161.

Penn-East Engrg. Corp., Kutztown, Pa.

Abercorn Aero. Ltd., 4435 Chester Ave., Montreal 29, Que. HU 9-4978.

Pennsylvania Fluorocarbon Co., Inc., 1115 North 35th St., Philadelphia 4, Pa.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Penta Labs., Inc., 312 N. Nopal St., Santa Barbara, Calif.

Nortel Engrs. Service Co., 353 St. Nicholas St., Montreal 1, Que.

The Pentron Corp., 777 S. Tripp Ave., Chicago, Ill.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Perdeck Solder Products Ltd., Essex, England.
Canavia Engineering & Sales Co., Malton, Ont. BU 6-2244 and 902 Ducharme Rd., Windsor, Ont.

Performance Measurements Co., 15301 W. McNichols Rd., Detroit, Mich.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Perkin Engrg. Corp., 345 Kansas St., El Segundo, Calif.

Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Permanent Filter Corp., 1800 W. Washington Blvd., Los Angeles 7, Calif.

Aircraft Appliances & Equipment Ltd., 585 Dixon Side Rd., Box 177, Weston, Ont. CH 4-5507-7-8.

Permanoid Ltd., New Islington, Manchester 4, England.

Musimart of Canada Ltd., 901 Bleury St., Montreal, Que. UN 1-2856.

Permonite Mfg. Co., 444 N. Lake Shore Dr., Chicago 11, Ill.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Perpetuum-Ebner, St. Georgen/Schwarzwald, Germany.

German-Canadian Import Co., 3490 Oliver Asselin St., Montreal 9, Que. RI 4-6627; Pro Musica Ltd., 152-154 Pearl St., Toronto 1, Ont. EM 8-9633.

Peschel Electronics, Inc., R.F.D. No. 1, Patterson, N.Y.

Stark Electronic Sales Co., Ajax, Ont. 125; Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Petersen Radio Co., Inc., 2800 W. Broadway, Council Bluffs, Iowa.

R. C. Kahnert Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171.

Phlo Plastics Corp., 25 Foster St., Worcester, Mass.

Smyth Electronic Components Ltd., 380 Craig St. W., Montreal, Que. AV 8-6281.

Phaoston Instrument & Electronic Co., 151 Pasadena Ave., S. Pasadena, Calif.

John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129 (East); Burt C. Porter Co., 1209 Poplar Pl., Seattle 44, Wash. EA 3-8330 (B.C.).

Phelps Dodge Copper Prods. Corp., Lincoln Hwy. E., Ft. Wayne 1, Ind.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Phelps Dodge Copper Prods. Corp., 300 Park Ave., New York 22, N.Y.

Dayrand Ltd., 4612 St. Catherine St. W., Montreal 6, Que. WE 2-2541.

G.A. Philbrick Research, Inc., 230 Congress St., Boston 10, Mass.

Thibault & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441.

Phileo Corp.—Gov. & Ind., Lansdale Tube, and Tech. Rep. Divs., Philadelphia and Lansdale, Pa.

Phileo Corp. of Canada Ltd., Don Mills Rd., Don Mills, Ont. HI 4-2541.

Philips Electronics, Inc., Electrical Industries Div., 691 Central Ave., Murray Hill, N.J.

Philips Electronics, Inc., Telecom. Div., 750 S. Fulton Ave., Mt. Vernon, N.Y.

The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 1255 Laird Blvd., Montreal, Que. RE 8-7605.

Phillips Control Corp., 59 W. Washington St., Joliet, Ill.

Burlec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377.

Phoenix Telephone & Electric Works, London, England.

Telephone Mfg. Co. Ltd., 26 Duncan St., Toronto 28, Ont. EM 6-5314.

Photo-Crystals, Inc., 15 S. First St., Geneva, Ill. GE 7150.

Photo Research Corp., 837 N. Cahuenga Blvd., Hollywood 38, Calif.

Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.

Photo Switch Div., Electronics Corp. of America, 1 Memorial Drive, Cambridge 42, Mass.

MacIvor Electronics Ltd., 248 Main St., Winnipeg 1, Man. WH 2-3026.

Photocircuits Corp., 31 Sea Cliff Ave., Glen Cove, N.Y. GL 4-8000 & FL 7-8100.

Photocon Research Prods., 421 North Atladena Dr., Pasadena, Calif.

Toronto Type Foundry Co. Ltd., 120 Wellington St. W., Toronto 1, Ont. EM 6-7991 (Lite-Gage only).

Photovolt Corp., 95 Madison Ave., New York 16, N.Y.

Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874; Electroalabs, 7385 St. Lawrence Blvd., Montreal, Que. CR 6-6076; Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.

Photon Instrument Co., 6516 Detroit Ave., Cleveland 2, O.

Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Pickering & Co., Inc., Sunnyside Blvd., Plainview, L.I., N.Y.

Chas. W. Poinston Ltd., 66 Racine Rd., Rexdale, Ont.

Pilot Radio Corp., 37-06 36th St., Long Island City 1, N.Y.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Pinberg & Co., Bergneustadt, West Germany.

Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.

G.V. Planer Ltd., Windmill Rd., Sunbury-on-Thames, Middx., England. 2266.

Plus-Kem Electronics Corp., 100 W. Alameda, Burbank, Calif.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Plastic Capacitors, Inc., 2620 N. Cuyabourne Ave., Chicago 14, Ill.

Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.

Plastoid Corp., 42-61 24th St., Long Island City, N.Y.

Ron Merritt Co., Room G-7, Marine Blvd., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).

Plymouth Rubber, Canton, Mass.

Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Pneu-trol Inc., 1436 N. Keating Ave., Chicago 51, Ill.

Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276 (Ont.).

Polarad Electronics Corp., 43-20 34th St., Long Island City, N.Y.

McI Sales Ltd., Arnprior, Ont. 400.

Polypenco, Inc., 2150 Fairmont Ave., Reading, Penn. FR 6-7241.

Peckover's Ltd., 115 McCormack St., Toronto 9, Ont. RO 2-8272 and 2052 St. Catherine St. W., Montreal, Que. WE 3-6717; C. M. Lövsted & Co., (Canada) Ltd., 1726 W. 5th, Vancouver, B.C. (West).

Polyphase Instrument Co., E. Fourth St., Bridgeport, Penna. BR 9-4660; and Chicago Sales Engrg. District Office.

Pomona Electronics Co., Inc., 1126 West Fifth Ave., Pomona, Calif.

Fred H. Haight Co., 3212 Eastlake Ave., Seattle 2, Wash. (B.C.).

- Popper & Sons, Inc.**, 300 Fourth Ave., New York 10, N.Y.
Charles T. Rodgers, 1134 Avenue Rd., Toronto 12, Ont. HU 1-1725.
- Potter Instrument Co., Inc.**, Sunnyside Blvd., Plainview, L.I., N.Y.
Instruments Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806.
- Power Sources, Inc.**, North West Industrial Pike, Burlington, Mass. E. G. Lomas, 227 Laurier Ave. W., Ottawa, Ont. CE 2-8504.
- Precise Development Corp.**, 2 Neil Ct., Oceanside, N.Y.
- Precision Apparatus Co., Inc.**, 70-31 84th St., Glendale 27, L.I., N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Precision Electronics, Inc.**, 9101 King St., Franklin Park, Ill.
William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-9201.
- Precision Instrument Co.**, 1011 Commercial St., San Carlos, Calif.
R-O-R Associates Ltd., 1470 Don Mills, Ont. HI 4-4449 and 3333 Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700 (East).
- Precision Mechanisms Corp.**, 577 Newbridge Ave., East Meadow, N.Y.
J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Eric Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.
- Precision Metal Prods. Co.**, 41 Elm St., Stoneham 80, Mass. ST 6-1999.
A. Deskin Sales Co., 1091-14th St., St. Martin, Que. MU 1-0201.
- Precision Radiation Instruments, Inc.**, 4223 W. Jefferson Blvd., Los Angeles, Calif.
Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.
- Precision Tube Co., Inc.**, Church Rd. & Wissahickon Ave., North Wales, Pa.
Canadian Research Institute, 46 St. George St., Toronto 5, Ont. WA 3-2455.
- Preh Elektrofeinmechanische Werke**, Bad Neustadt/Saale, W. Germany.
Electrovert Ltd., 265 Craig St. W., Montreal 1, Que. UN 1-1872.
- H. P. Preis Engraving Machine Co.**, 651 U. S. Highway 22, Hillside, N.J.
Empire Engineering Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928; H. J. G. McLean Ltd., 45 Albion St., P.O. Box 231, Brantford, Ont. PL 3-4221; Moore Bros. Machinery Co. Ltd., 953 St. James St. W., Montreal, Que. UN 6-2741 (East Ont. & Que.); Hope Machinery Co., 200 Dalhousie St., Toronto 2, Ont. EM 3-5579.
- Premax Prods.**, Div. of Chisholm-Ryder Co., Inc., College & Highland Aves., Drawer F., Bridge Sta., Niagara Falls, N.Y. BU 5-9186.
- Premier Metal Products Co.**, 337 Manildra St., New York 59, N.Y.
Musimart of Canada Ltd., 901 Bleury St., Montreal, Que. UN 1-2856.
- Presto Recording Corp.**, P.O. Box 500, Paramus, N.J.
Instantaneous Recording Services, 42 Lombard St., Toronto 1, Ont. EM 3-5767; Chas. L. Thompson Ltd., 3093 Woodbine Dr., N. Vancouver, B.C. YU 8-2597 and 87 King St., Winnipeg 2, Man. WH 3-8231.
- Price Electric Corp.**, E. Church & 2nd Sts., Frederick, Md.
Radio Condenser Co. Ltd., 6 Bermondsey Rd., Toronto, Ont. PL 5-2235.
- Primo Sound Research Inc.**, Tokyo, Japan.
R. Mack & Co. Ltd., 7966 Granville St., Vancouver 14, B.C. KE 6894.
- Proctor Electric Co.**, Philadelphia, Pa.
R. W. Stark, P.O. Box 185, 32 Plaunt St., Renfrew, Ont. HE 2-4358.
- Prodell, Inc.**, 307 Bergen Ave., Kearny, N.J.
Adams Engrg. Ltd., 1500 St. Catherine St. W., Montreal, Que. WE 3-6857; also at Ottawa & Toronto (Ont. & Que.).
- W. G. Pye Co. Ltd.**, Granta Works, Cambridge, England.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- Pyramid Electric Co.**, 1445 Hudson Blvd., North Bergen, N.J.
William Cohen Ltd., 8900 Tanguay St., Montreal, Que. DU 8-9201.
- Pyramid Instrument Corp.**, 630 Merrick Rd., Lynbrook, N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Pyroferic Co., Inc.**, 621 E. 216th St., New York 67, N.Y.
- Pyrofilm Resistor Co., Inc.**, U.S. Highway 46, Parsippany, N.J.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6575 & 6676.
- Q**
- Quam-Nichols Co.**, 234 E. Marquette Rd., Chicago 37, Ill.
A. T. R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D", Toronto 9, Ont. RO 2-7535 (East).
- Quan-Tech Labs.**, 236 Mt. Kemble Ave., Morristown, N.J.
Paramount Agencies, 3131 Western Ave., Seattle 1, Wash. AT 4 1840 (B.C.).
- Quartz Fibre Prods. Co.**, P.O. Box 7866, Independence 31, O.
- Quarzeramik GmbH**, Stockdorf bei Munchen, Gautinger Strasse 23, Germany.
- Quick Mount Mfg. Co., Inc.**, 481 Sterling Place, Brooklyn 38, N.Y.
Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).
- R**
- R-J Audio Prods. Inc.**, 80 Shore Rd., Port Washington, N.Y.
Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.
- Racal Engrg. Ltd.**, Western Rd., Bracknell, Berks., England.
Instruments Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806.
- Racon Electric Co., Inc.**, 1261 Broadway, New York 1, N.Y. MU 4-6258.
- Radar Design Corp.**, P.O. Box 38, Pickard Rd., Syracuse 11, N.Y. GL 4 4418.
- Radiart Corp.**, 3455 Vega Ave., Cleveland, O.
Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.; Dave M. Lee Co., Inc., 2517 Second Ave., Seattle 1, Wash. MA 2-5512 (B.C.).
- Radiation Counter Labs., Inc.**, 5521 W. Grove St., Skokie, Ill.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.
- Radiation Inc.**, P.O. Box 37, Melbourne, Fla.
Radionics Ltd., 8230 Mayrand St., Montreal, Que. RE 3-3937.
- Radiation Instrument Dev. Lab.**, 5737 S. Halstead St., Chicago 21, Ill.
Ray Johnston Co., 1011-69th St., Seattle 15, Wash. LA 4-5170.
- Radio Corp. of America**, New York 20, N.Y. and all divisions.
RCA Victor Co. Ltd., 1001 Lenoir St., Montreal 30, Que. WE 3-7551.
- Radio Corp. of America**, Memory Cores Div., International Div., Clark, N.J.
Lake Engrg. Co. Ltd., 123 Manville Rd., Scarborough, Ont. PL 7-3253; Elcom Marketing Ltd., 123 Manville Rd., Scarborough, Ont. OX 8-3691.
- Radio Engrg. Labs., Inc.**, 36-40 37th St., Long Island City, N.Y.
The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441.
- Radio Frequency Co., Inc.**, 44 Park St., Medfield, Mass.
Elder Electronics, 3220 Robert St., Burlington, Ont. RO 4-0511 (Ont. & Que.).
- Radio Frequency Labs., Inc.**, Test & Service Div., Boonton, N.J.
Instruments Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806; Microwave Systems, 42 Crookford Blvd., Scarborough, Ont. PL 5-0763 (Comm. Div.).
- Radio Heaters Ltd.**, Eastheath Ave., Wokingham, Berks., England.
Dominion Electrohome Industries Ltd., Technical Prods. Div., 140 Mansion St., Kitchener, Ont. SH 3-0271.
- Radio Industries, Inc.**, 5225 N. Ravenswood Ave., Chicago 40, Ill.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Radio Kits, Inc.**, 88-6 Van Wyck Expressway, Jamaica, N.Y.
Teletype Mfg. Co. Ltd., Box 844, 729 Dundas St., London, Ont. GE 9-8871.
- Radio Materials Co.**, Division P.R. Mallory & Co. Inc., 3325 N. California Ave., Chicago 18, Ill.
J. R. G. McVitty & Co., 51 Dalewood Rd., Toronto 12, Ont. HU 8-9457 (Ont. & Que.).
- Radio Merchandise Sales, Inc.**, 2016 Bronxdale, New York 62, N.Y.
Ben Manis Associates Reg'd., 5317 Prince of Wales Ave., Montreal 29, Que. HU 6-1475.
- Radio Receptor Co., Inc.**, 240 Wythe Ave., Brooklyn 11, N.Y.
General Instrument — F. W. Sickles of Canada Ltd., 151 Weber St. S., P.O. Box 408, Waterloo, Ont. SH 4-8101; Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.
- Radio Specialists Co.**, 2620 Larimer St., Denver, Colo.
Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.
- Radio Specialty Mfg. Co.**, 2023 S.E. 6th Ave., Portland 14, Ore.
RCA Victor Co. Ltd., 1001 Lenoir St., Montreal 30, Que. WE 3-7551.
- Radiometer**, 72 Emdrupvej, Copenhagen NV, Denmark.
Bach-Simpson Ltd., 1255 Brydges St., London, Ont. GL 1-9490.
- Radion Corp.**, 1130 W. Wisconsin Ave., Chicago 14, Ill.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Radiovisor Parent Ltd.**, Beenhaim Grange, Aldermaston Wharf, Nr. Reading, Berkshire, England.
Dominion Electrohome Inds. Ltd., Technical Prods. Div., 140 Mansion St., Kitchener, Ont. SH 3-0271.
- Rahm Instrument Div., American Machine & Metals, Inc.**, 65 Rushmore St., Westbury, N.Y.
Brian Engrg. Ltd., 5275 Van Horne Ave., Montreal, Que. RE 7-2800.
- Railway Communications, Inc.**, 9351 E. 59th St., P.O. Box 67, Raytown, Mo.
Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224.
- Rainbow Radio Mfg. Co. Ltd.**, Mincing Lane, Blackburn, Lancs., England.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- Ram Electronics Corp.**, 600 Industrial Ave., Paramus, N.Y.
E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; Teletype Mfg. Co. Ltd., Box 844, 729 Dundas St., London, Ont. GE 9-8871.
- Rank Cintel Ltd.**, Worsley Bridge Rd., Lower Sydenham, London S.E. 26, England.
E.M.I.-Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487.
- Rapid Electroplating Process, Inc.**, 1414 S. Wabash Ave., Chicago 5, Ill.
George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492.
- George Rattray, Inc.**, 116-8 Myrtle Ave., Richmond Hill, N.Y.
John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.
- Rauland Borg Corp.**, 3515 W. Addison St., Chicago 18, Ill.
Atlantic Films & Electronics Ltd., 22 Prescott St., St. John's, Nfld.; Power & Mine Supply Co. Ltd., 123 Princess St., Winnipeg, Man.
- Raytheon Mfg. Co.**, 100 River St., Waltham, Mass.
S & T Sales Ltd., 120 E. Cordova St., Vancouver 4, B.C. MU 4-4131; Canadian Electronics Ltd., 109 St. and 107th Ave., Edmonton 1, Alta. 4-6451.
- Reading Batteries**, Div. of Autolite Co., Reading, Penn.
Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741.
- The Record Electrical Co.**, Ltd., Broadheath, Altrincham, Cheshire, England.
Evershed & Vignoles (Canada) Ltd., P.O. Box 100, 4544 Dufferin St., Toronto 19, Ont. ME 3-5937 and P.O. Box 632, Calgary, Alta.; R. H. Nichols Ltd., 4544 Dufferin St., P.O. Box 500, Downsview, Ont. ME 3-8190; also at Ottawa and Vancouver.
- Recon Corp.**, 52-35 Barnett Ave., Long Island City 4, N.Y.
Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418 (Alta. & B.C.).
- Rectico, Inc.**, 963 Freylichuysen Ave., Newark 12, N.J. BI 3-8738.
- Redifon (England) Ltd.**, Broomhill Rd., London S.W. 18, England.
Redifon Canada, 6301 Park Ave., Montreal 8, Que. CR 1-6163.
- Reeves Equipment Corp.**, 10 E. 52nd St., New York 22, N.Y.
Engineered Sound Systems Ltd., 169 Kipling Ave. S., Toronto 18, Ont. BE 3-2155; Canadian Electronics Ltd., 109 St. & 107 Ave., Edmonton, Alta. 4-6451.
- Reeves Instrument Corp.**, 215 E. & 91st St., New York 28, N.Y.
Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711; Douglas Randall (Canada) Ltd., 126 Manville Rd., Scarborough, Ont. PL 9-2291.
- Reeves Soundcraft Corp.**, 10 E. 52nd St., New York 22, N.Y.
A. T. R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D", Toronto 9, Ont. RO 2-7535 (East); Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).
- Reflectone Corp.**, Post Rd., Stamford, Conn.
Mel Sales Ltd., Arnprior, Ont. 400.
- Rego Insulated Wire Corp.**, 83 Monroe St., Hoboken, N.J.
Audio Vox Intercom Inc., 4510 De Laroche, Montreal, Que. LA 1-3188.
- Rek-O-Kut Co.**, 38-19 108th St., Corona 68, N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Relay Sales, Inc.**, P.O. Box 186-U, West Chicago, Ill. WE 1100.
- Reliance (Cords & Cables) Ltd.**, Staffa Rd., Leyton, London, E.10, England.
- Reon Resistor Corp.**, 117 Stanley Ave., Yonkers, N.Y.
Precision Electronic Components (1956) Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Reproducers & Amplifiers Ltd., Wolverhampton, England.
Astral Electric Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1131.

Resin Industries Div., Borden Chemicals, Santa Barbara, Calif. and N. Andover, Mass.
Paisley Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Resista, Landshut Bay, W. Germany.

Resistance Prods. Co., 914 S. 13th St., Harrisburg, Pa.
Canadian Curtis-Wright Ltd., 1980 Sherbrooke St. W., Montreal, Que. WE 7-6117.

Resistor Wholesalers Corp., 71 Murray St., New York, N.Y.
R. C. Kahner Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171.

Reslo Sound Ltd., Romford, Essex, England.
Smyth Electronic Components Ltd., 380 Craig St. W., Montreal, Que. AV 8-6281.

Revere Corp. of America, North Colony Rd., Wallingford, Conn.
Delta Aircraft Equipment Co., 1798A Avenue Rd., Toronto 12, Ont. RU 3-7372.

The Rex Corp., Hayward Rd., West Acton, Mass.
L. A. Varah Ltd. (Westronic Engrs. Sales), 1451 Hornby St., Vancouver 1, B.C. MU 1-0104.

Rheem Mfg. Co., 839 17th St. N.W., Washington 6, D.C.

Rhein Sound Systems, 133 Hamilton St., New Haven, Conn.
R. C. Kahner Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171 (East).

M. H. Rhodes, Inc., 30 Bartholomew Ave., Hartford 6, Conn.
Sperry Gyroscopic (Ottawa) Ltd., 3 Hamilton Ave., P.O. Box 90, Ottawa, Ont. PA 8-4681.

M. M. Rhodes & Sons Co., Taunton, Mass.
Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 8-1854.

Ribet-Desjardins, 13 Rue Perier, Montrouge (Seine), France.
Electronic Television Equipment, Inc., Room 114, 5757 Decelles Ave., Montreal 24, Que. RE 8-9095.

Richards Electrocraft, Inc., 4432 N. Kedzie Ave., Chicago 25, Ill.
Richmond Mica Corp., Richmond, Va.

P. N. Soden & Co. Ltd., 2143 St. Patrick St., Montreal 22, Que. WE 5-4602 and 41 Advance Rd., Toronto 18, Ont. BE 3-6289.

John F. Rider Publisher, Inc., 116 W. 14th St., New York, N.Y.
Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.

Rigidized Metals Corp., Buffalo, N.Y.
Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741; and principal cities across Canada.

Riehle Testing Machines, Div. American Machine & Metals, E. Moline, Ill.
A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.

Robert Rigby Ltd., London, England.
Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.

Rinco, Inc., 7962 S.E. Powell Blvd., Portland 6, Ore.
Beechey Enterprises, 1162 Main St. N., Weston, Ont. CH 4-8051.

Ripley Co., Inc., Box 31, 1 Factory St., Middletown, Conn.
John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.

Rivlin Instruments Ltd., Doman Rd., Yorktown Industrial Estate, Camberley, Surrey, England. 2507.

Roanwell Corp., 662 Pacific St., Brooklyn 17, N.Y.
Samuel C. Hooker (Canada) Ltd., 2425 Grand Blvd., Montreal, Que. HU 8-8321 and 4126 Bathurst St., Downsview, Ont. ME 5-1470.

Robbins Aviation Corp., Los Angeles, Calif.
Canavia Engrg. & Sales Co., Malton, Ont. BU 6-2241; and 902 Ducharme Rd., Windsor, Ont.

Robertshaw-Fulton Controls Co., Keith Mercer Co. Ltd., 5165 Sherbrooke St. W., Montreal, Que. DE 8411 and P.O. Box Station K, 876 Eglinton Ave. E., Toronto, Ont. HU 8-5831 (Ont. & East).

Robins Industries Corp., 36-27 Prince St., Flushing 54, N.Y.
E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225.

Robinson Aviation, Inc., Teterboro Air Terminal, Teterboro, N.J.
Aviation Electric Ltd., P.O. Box 6102, 200 Laurentian Blvd., Montreal 9, Que. RI 4-2811.

Robot-Foto GmbH, Aachener Strasse 21, Dusseldorf, W. Germany.

Canadian Applied Research Ltd., 1500 O'Connor Dr., Toronto 16, Ont. PL 9-2241.

S.A. Rocher Electronique, 51 rue Racine, Montrouge (Seine), France. ALE 00.03 & 00.07.

Rocol Ltd., Leeds, England.
W. R. Watkins Co. Ltd., 41 Kipling Ave. S., Toronto 18, Ont. BE 3-2161.

Rogan Bros., 8031 N. Monticello, Skokie, Ill. OR 5-1233.

Rohde & Schwarz, Muenchen 9, Tassioplatz 7, Germany.

The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441.
Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Rohn Mfg. Co., 116 Limestone, Bellevue, Peoria 5, Ill.

J. J. MacQuarrie Sales, 46 St. George St., Toronto 5, Ont. WA 3-2455 and Eric Jeanes, 266 Aubrey St., Winnipeg, Man. SU 3-5442.

Rola-Celestion Ltd., Ferry Works, Thames Ditton, Surrey, England.
Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.

Roller-Smith Instruments Inc., 50 Ave. L, Newark 1, N.J.
John S. Plewes Co., 52 Humbercrest Blvd., Toronto 9, Ont. RO 9-2051.

Ronette Acoustical Corp., 190 Earle Ave., Lynbrook, N.Y.

Audio Tool & Engrg. Ltd., Jutland Ave., Toronto 18, Ont.

Rosemount Engrg. Co., 9424 Lyndale Ave. S., Minneapolis 20, Minn.

The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 1255 Laird Blvd., Montreal, Que. RE 8-7605.

Rosenthal-Isolotoren GmbH, Selb/Bayern, Wilhelmstr. 14, W. Germany.

German-Canadian Import Co., 3490 Oliver Asselin St., Montreal 9, Que. RI 4-6627.

Rotating Components, Inc., 267 Green St., Brooklyn 22, N.Y.

E. E. Whittaker, 2137 Niagara Drive, Ottawa, Ont. CE 4-4686.

Roto Mfg. Co., 1030 W. 2nd St., Xenia, Ohio.

Alliance Div. General Steel Wares Ltd., 76 Miranda Ave., Toronto 10, Ont. RU 7-2482;
GSW-8976, Shaughnessy St., Vancouver, B.C. FA 1-3291;
1745 Sargent Ave., Winnipeg, Man. SP 5-8471; 2355 Delisle St., Montreal, Que. WE 2-6181.

Rotron Mfg. Co., 7-9 Schoonmaker Lane, Woodstock, N.Y.

The Hoover Co. Ltd., Gage & Barton Sts., Hamilton, Ont. LI 5-1151.

Royal Electric Corp., 95 Grand Ave., Pawtucket, R.I.

Arthur C. Ruge, Inc., 733 Concord Ave., Cambridge, Mass.
Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Ruhstradt, Goettingen, Germany.
Thermovolt Instruments Ltd., P.O. Box 43, Toronto 18, Ont. BE 1-7134.

Rust Industrial Co., 130 Silver St., Manchester, N.H. (B.C.).
ARVA, Room G-7, Burrard St., Vancouver 1, B.C. MU 1-3367;
Elder Electronics, 3220 Robert St., Burlington, Ont. NE 4-0511.

Rutherford Electronics Co., 8944 Lindblade St., Culver City, Calif.

Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367, also at Ottawa & Toronto.

Rytel Corp., 17538 Ventura Blvd., Encino, Calif.

Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 8-1854.

S

S & A Electronics, 1025 Nevada St., Toledo, O.

Norris Burgess, 418 Mt. Pleasant Rd., Toronto 7, Ont. HU 8-1854.

S.A.F.T. Accumuleurs, Route Nationale, Romainville (Seine), France.

Ward Leonard of Canada Ltd., 1070 Birchmount Rd., Box 70, O'Connor P.O., Toronto 16, Ont. PL 7-4131.

S. K. L. Instruments, Boston, Mass.

E.M.I.-Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487.

Saia S.A., Morat, Switzerland.

The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.

Sage Electronics Corp., 302 N. Goodman St., Rochester 7, N.Y.

Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Sakura Electric Co. Ltd., Tokyo, Japan.

S. H. Parker Co., 1044 Bathurst St., Toronto 4, Ont. LE 4-1802.

Howard W. Sams & Co., Inc., 2201 E. 46th St., Indianapolis 5, Ind.

A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111; Dave M. Lee Co., Inc., 2517 Second Ave., Seattle 1, Wash. MA 2-5512 (B.C.).

San Fernando Electric Mfg. Co., 1509 First St., San Fernando, Calif.

E. S. Gould Sales Co., 353 St. Nicholas St., Montreal, Que. AV 8-5225; London, Winnipeg and Vancouver.

Sanborn Co., 175 Wyman St., Waltham, Mass.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429 (East); 3333 Cavendish Blvd., Montreal, N.D.G., Que. HU 1-0700 (East); ARVA, Room G-7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West); X-Ray & Radium Industries Ltd., 261 Davenport Rd., Toronto, Ont. WA 3-0908.

Sanders Associates, Inc., 95 Canal St., Nashua, N.H.

Mel Sales Ltd., Amprior, Ont. 400.

W. H. Sanders Ltd., 49 Conduit St., London, W.I., England.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

W. H. Sanders (Electronics) Ltd., Gunnels Wood Rd., Stevenage, Herts, England.

Cossor (Canada) Ltd., 301 Windsor St., Halifax, N.S. 4-6487, also at Montreal & Toronto; Prince & Roberts, 51 Charles St. W., Toronto, Ont. WA 1-5b.1.

Sangamo Electric Co., P.O. Box 7, Marion, Ill.

P. J. Heenan Ltd., 669 Bayview

Ave., Toronto 17, Ont. HU 1-2291; R. C. Kahner Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171.

Sawwa Electric Instrument Works Ltd., Tokyo, Japan.

R. Mack & Co. Ltd., 7966 Granville St., Vancouver 14, B.C. KE 6894.

E. H. Sargent & Co., 4647 W. Foster Ave., Chicago, Ill.

Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Sargent-Raymont Co., 4926 E. 12th St., Oakland 1, Calif.

R. C. Kahner Sales Co. Ltd., 73 Crookford Blvd., Scarborough, Ont. PL 7-5171 and Box 885, Montreal, Que. CR 1-9858.

Sarkes Tarzian, Inc., 415 College Ave. N., Bloomington, Ind.

Philco Corp. of Canada Ltd., Don Mills Rd., Don Mills, Ont. HI 4-2541.

Sarkes Tarzian, Inc., Rectifier Div., Bloomington, Ind.

A. T. R. Armstrong Ltd., 700 Weston Rd., P.O. Box 38, Stn. "D," Toronto 9, Ont. RO 2-7535.

Savage & Parsons Ltd., Watford By-Pass, Watford, Herts., England. 6071.

Mechron Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St. W., Montreal 6, Que.

Saxton Prods., Inc., Wire & Cable Div., 1661 Boone Ave., New York 60, N.Y. WY 1-0120.

Ben Manis Associates Reg'd., 5317 Prince of Wales Ave., Montreal 29, Que. HU 6-1475.

Scenco Controls, Inc., P.O. Box 41, Delanco, N.J.

Renfrew Electric Co. Ltd., 349 Carlaw Ave., Toronto 8, Ont. HO 1-3511.

Scala Radio Co., 2814 19th St., San Francisco 10, Calif.

Jerrold Electronics (Canada) Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Schaeffelt Engrg., Crescent Blvd. at Drexel Ave., P.O. Box 505, Camden, N.J.

Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011.

Schauer Mfg. Corp., 4500 Alpine Ave., Cincinnati 42, O.

Pitt Distributing Co. Ltd., 80 George St., Toronto 2, Ont. EM 4-8268.

Schenectady Varnish, Congress St. & 9th Ave., Schenectady, N.Y.

Pulsar Prods. of Canada Ltd., 36 Upton Rd., Scarborough, Ont. PL 5-2216; 11767 Pelletier Ave., Montreal, Que. DA 2-4756.

Schlumberger Well Surveying Corp., Ridgefield Instrumentation Div., P.O. Box 550, Ridgefield, Conn.

Van Waters & Rogers Co. Ltd., Scientific Supplies Div., 2625 Skeena St., Vancouver 12, B.C. HE 3-0521 (Alta. & B.C.).

Schomandi K. G., Muenchen, 6-8 Belfortstr., Germany.

Instronics Ltd., P.O. Box 100, Stittsville, Ont. Hazeldean 156 and 21 Benleigh Dr., Scarborough, Ont. AX 3-7806.

Carl W. Schutter Microwave Corp., 80 E. Montauk Hwy., Lindenhurst, L.I., N.Y.

Dayrand Ltd., 4612 St. Catherine St. W., Montreal 6, Que. WE 2-2541.

Science Electronics, Inc., 195 Massachusetts Ave., Cambridge 39, Mass.

Stark Electronic Sales Co., Ajax, Ont. 125.

H. H. Scott, Inc., 385 Putnam Ave., Cambridge 39, Mass.

Ray Johnston Co., 1011 East 69th St., Seattle 15, Wash. LA 4-5170; Tecneek Associates, 1405 Bishop St., Montreal 25, Que. VI 4-7874.

Sealectro Corp., 610 Fayette Ave., Mamaroneck, N.Y.

- Sealtron Corp.**, Reading Rd. at Amity, Cincinnati 15, O.
Johnson Matthey & Mallory Ltd., 110 Industry St., Toronto 15, Ont. RO 2-7201.
- Seco Mfg. Co.**, 5015 Penn Ave. S., Minneapolis 19, Minn.
Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).
- Secode Corp.**, 555 Minnesota St., San Francisco 7, Calif. (B.C.).
Canadian Electronics Ltd., 109 St. at 107th St., Edmonton, Alta., 4-6451; L. A. Varah Ltd. (Westcon Engrg. Sales), 1451 Hornby St., Vancouver 1, B.C. MU 1-0104; Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto, Ont. RO 2-8224.
- Seely Instrument Co., Inc.**, 377 4th St., Niagara Falls, N.Y.
Rousseau Controls Ltd., 640 DeCourcelle St., Montreal 30, Que. WE 7-3521, and 2149 Yonge St., Toronto 7, Ont. HU 3-2776.
- Semi-Elements, Inc.**, Saxonburg Blvd., Saxonburg, Pa. FL 2-2548.
Active Radio & TV Ltd., 58 Spadina Ave., Toronto 2B, Ont. EM 4-2256.
- Tom Senior**, Liversedge, Yorks, England.
Empire Engrg. Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.
- Sensitive Research Instrument Corp.**, 310 Main St., New Rochelle, N.Y.
ARVA, Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West); Mel Sales Ltd., Amprior, Ont. 400 (East).
- Sequoia Wire Corp.**, 2201 Bay Rd., Redwood City, Calif.
J. J. MacQuarrie, 46 St. George St., Toronto, Ont. HU 3-2455.
- Serdex, Inc.**, 12 Bowdoin Sq., Boston 14, Mass. CA 7-7160.
Pacific Monitor, 1138 Poplar Place, Seattle 44, Wash. (B.C.).
- Service Recorder Co.**, 1013 Rockwell Ave., Cleveland, O.
Canadian Charts & Supplies Ltd., P.O. Box 34, Oakville, Ont. VI 5-4204 & Toronto EM 6-7182; 1124 St. Antoine St., Montreal 3, Que. UN 6-1152.
- Servisol Ltd.**, England.
Payette Radio Ltd., 730 St. James St. W., Montreal, Que. UN 6-6681.
- Servo Corp. of America**, 20-20 Jericho Turnpike, New Hyde Park, N.Y.
Mel Sales Ltd., Araprior, Ont. 400.
- Servomechanisms, Inc.**, Mechrolol Div., 625 Main St., Westbury, L.I., N.Y.
Servomechanisms (Canada) Ltd., Rexdale Blvd. & Kipling Ave., Toronto 15, Ont. CH 4-5376.
- Servomechanisms, Inc.**, Special Prods. Div., El Segundo, Calif.
Servomechanisms (Canada) Ltd., Rexdale Blvd. & Kipling Ave., Toronto 15, Ont. CH 4-5376.
- Servomechanisms, Inc.**, Subsystems Div., 12500 Aviation Blvd., Hawthorne, Calif.
Servomechanisms (Canada) Ltd., Rexdale Blvd. & Kipling Ave., Toronto 15, Ont. CH 4-5376.
- Servomex Controls Ltd.**, Crowborough, Sussex, England. 1247.
- Servonics, Inc.**, 822 N. Henry St., Alexandria, Va.
Philips Electronics Industries Ltd., 116 Vanderhoof Ave., Toronto 17, Ont. HU 5-8621.
- Shallcross Mfg. Co.**, Jackson Ave., Collingdale, Pa.
John Herring & Co. Ltd., 3468 Dundas St. W., Toronto 9, Ont. RO 2-9824.
- W. S. Shamban & Co.**, 11617 W. Jefferson Blvd., Culver City, Calif.
Abercorn Aero. Ltd., 7435 Chester Ave., Montreal 29, Que. HU 9-4978 (Canada except B.C.); Spencer Aircraft Co., 8410 Dallas Ave., Seattle, Wash. PA 3-0911 (B.C.).
- Shardlow Micrometers Ltd.**, 350 Petre St., Sheffield 4, Yorks, England. 386951.
- Sheffield Corp.**, Box 893, 721 Springfield St., Dayton 1, Ohio.
A. C. Wickman Ltd., 1425 Queensway, Toronto 14, Ont. CL 9-2311.
- Shell Electronic Mfg. Corp.**, 112 State St., Brooklyn 34, N.Y.
Robert J. Buckland Co., 56 Water St., Chatham, Ont. EL 4-3105 (Ont. & Que.).
- Sherman Industrial Electronics**, 505 Washington Ave., Belleville, N.J. PL 9-5800.
Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367; also at Ottawa and Toronto.
- Sherwood Electronics Labs., Inc.**, Chicago 18, Ill.
H. Roy Gray Co. Ltd., 44 Danforth Rd., Toronto 13, Ont. OX 1-1311 (East & Man.); Ron Merritt Co., Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367 (West).
- Shielding, Inc.**, N. Read Ave., Riverton, N.J.
Stark Electronic Sales, Ajax, Ont. 125.
- Shur-Lok Corp.**, Anaheim, Calif.
Railway & Power Engrg. Corp. Ltd., 3745 St. James St. W., Montreal 30, Que. WE 3-6741; and principal cities across Canada.
- Shure Bros., Inc.**, 222 Hartrey Ave., Evanston, Ill.
C. M. Robinson Co., 1550 Erin St., Winnipeg 3, Man. SF 4-1855-6 (Lakehead West); A. C. Simmonds & Sons Ltd., 100 Merton St., Toronto, Ont. HU 5-9111 (East).
- Shurite Meters**, 130 Wallace St., New Haven 8, Conn.
R. C. Kahner Sales Co. Ltd., 73 Crockford Blvd., Scarborough, Ont. PL 7-5171 (East).
- F. W. Sickles Div., General Instrument Corp.**, 165 Front St., Chicopee, Mass.
General Instrument — F. W. Sickles of Canada Ltd., 151 Weber St. S., P.O. Box 408, Waterloo, Ont. SH 4-8101.
- Siemens Edison Swan Ltd.**, 155 Charing Cross Rd., London W.C. 2, England.
R. Mack & Co. Ltd., 7966 Granville St., Vancouver 14, B.C. KE 6894.
- Siemens & Halske A.G.**, Berlin, Braunschweig, Karlsruhe and Muenchen, Germany.
The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441; Vidition Corp. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441; Electrodesign, 736 Notre Dame St. W., Montreal, Que. UN 6-7367 (Small rectifiers only).
- Siemens-Schuckertwerke A. G.**, Erlangen, Nuernberg, Bad Neustadt/Naale, Amberg, Muehlheim/Ruhr, Germany.
The Ahearn & Soper Co. Ltd., 384 Bank St., Ottawa, Ont. CE 6-9441.
- Sierra Electronic Corp.**, 3885 Bohannon Dr., Menlo Park, Calif.
Atlas Instrument Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Sifam Electrical Instrument Co. Ltd.**, Leigh Court, Higher Lincombe Rd., Torquay, Devon, England.
Mechron Engineering Prods. Ltd., 2437 Kaladar Ave., Ottawa 1, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St., Montreal 6, Que.
- Sightmaster Corp.**, 50 Aleppo St., Providence, R.I.
John R. Tilton Ltd., 51 McCormack St., Toronto 9, Ont. RO 9-1129.
- Sigma Instrument Co. Ltd.**, Letchworth, Hertfordshire, England.
Industion Corp., 297 Carlton St., Toronto 2, Ont. WA 1-2032.
- Sigma Instruments, Inc.**, 170 Pearl St., S. Braintree, Mass.
ARVA, Room G.7, Marine Bldg., 355 Burrard St., Vancouver 1, B.C. MU 1-3367; D. T. Shaw, 2340 Lucerne Rd., Montreal 16, Que. RI 8-7010.
- Silicone Seals, Inc.**, 3125 Milwaukee Ave., Chicago 18, Ill.
Alec W. Andrews & Associates, 1239 Tecumseh Pk., Pt. Credit, Ont. CR 8-3478.
- Simmonds Aeroaccessories Inc.**, 105 White Plains Rd., Tarrytown, N.Y.
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- Simmons Fastener Corp.**, N. Broadway, Albany 1, N.Y.
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- Simplex Co.**, Springfield, Ill.
Burelec Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.
- Mark Simpson Mfg. Co., Inc.**, 32-38 49th St., Long Island City 3, N.Y.
Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418 (West); William M. Hummel, 150 Pinewood Trail, Port Credit, Ont. CR 8-7666 (East); McIntyre Agencies, 7365 Mountain Sights, Montreal, Que. RE 7-7672.
- Sinclair-Collins Valve Co.**, 454 Morgan Ave., Akron 11, O.
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- Sloux Radio Products**, 100 Douglas Ave., Yankton, S. Dak 3507.
- Skinner Electric Valve Div.**, 95 Edgewood Ave., New Britain, Conn.
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Petro-Automation Industries Ltd., P.O. Box 72, Edmonton, Alta. GL 5-3673.
- Skydine, Inc.**, River Rd., Port Jervis, N.Y.
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- Slaughter Co.**, Box 606, College & Young, Piqua, Ohio.
- Slip Ring Co. of America**, 3612 W. Jefferson Blvd., Los Angeles, Calif.
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- Slug Bit Supply Co.**, 9745-A Hines Blvd., Dallas 25, Texas.
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- Herman H. Smith, Inc.**, 2326 N. Grand Ave., Brooklyn 10, N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Smith Hobson Ltd.**, Hershaw Stn., Walton-on-Thames, Surrey, England.
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- Societe de L'Electronique Francaise**, 68 Blvd. Voltaire, Asnieres, France. GRE 73-41.
- Societe Ohmic**, Paris, France.
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- Sodeco, Societe des Compteurs de Geneve**, Grand Pre 70, Geneva 16, Switzerland.
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- The Solartron Electronic Group Ltd.**, Thames Ditton, Surrey, England.
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- Solus Electronic Tubes Ltd.**, 15-18 Clippstone St., London, W.1, England. MUS 3121.
- Sonic Engrg. Corp.**, Stamford, Conn.
Canadian Sonic Co., 46 St. George St., Toronto 5, Ont. WA 2-6484.
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- Sonotone Corp.**, Electronic Applications Div., Elmsford, N.Y.
Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.
- Sony Radio Corp.**, Tokyo, Japan.
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- Soundolier, Inc.**, P.O. Box 3848, St. Louis, Mo.
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- Switchcraft, Inc.**, 5555 N. Elston Ave., Chicago 30, Ill.
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- Conway Electronic Enterprises Reg'd.**, 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.
- Sylvania Electric Prods., Inc., Electronics Div.**, 1740 Broadway, New York, N.Y.
- Hackbusch Electronics Ltd.**, 23 Primrose Ave., Toronto 4, Ont.
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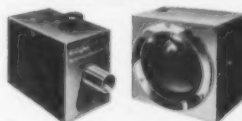


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Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Waltham Electronics Corp., 82 Union St., New London, Mass.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 and 6676.

Waltham Horological Corp., 395 Lynnway, Lynn, Mass.

Stark Electronic Sales Co., Ajax, Ont. 125; Ben Manis Associates Reg'd., 5317 Prince of Wales Ave., Montreal 29, Que. HU 6-1475.

The Wama Co., Baltimore, Md.
Burles Sales Ltd., 45 Northline Rd., Toronto 16, Ont. PL 5-3377 and 1179 Decarie Blvd., Montreal, Que. RI 4-0165.

Wandel & Goltermann, Reutlingen 14B/Wurt., Germany.

R-O-R Associates Ltd., 1470 Don Mills Rd., Don Mills, Ont. HI 4-4429; and 3333 Cavendish Blvd., Montreal, N. D. G., Que. HU 1-0700 (East).

Wandelside Cable Works Ltd., London, England.

Mechron Engrg. Prods. Ltd., 2437 Kaladar Ave., Ottawa, Ont. RE 3-3855; 2279 Yonge St., Toronto, Ont. HU 1-5639; 4206 St. Catherine St. W., Montreal 6, Que.

Bert Wappler, P.O. Box 18, White-stone 57, N.Y. RA 8-8831.

Vard Leonard Electric Co., Mount Vernon, New York.

Ward Leonard of Canada Ltd., 1070 Birchmount Rd., Box 70, O'Connor P.O., Toronto 16, Ont. PL 7-4131.

Ward Prods. Corp., 1148 Euclid Ave., Cleveland 15, O.

Atlas Radio Corp. Ltd., 50 Wingold Ave., Toronto 19, Ont. RU 1-6174.

Wassco Electric Prods. Corp., 204 S. Larkin Ave., Joliet, Ill.

John Best Co., 96 Kipling Ave. N., Islington, Ont. BE 1-7633.

Watchstones Co. Ltd., Thoune, Switzerland.

Avionics Ltd., Box 200, Stone Rd., Niagara-on-the-Lake, Ont. HO 8-3632.

Waterbury Pressed Metal Co., 300 Chase Ave., Waterbury 14, Conn.

Pfeiffer Electronic Labs., Box 316, Trenton, Ont. EX 2-3498. (Ont. and Que.)

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J. K. Dooley Co., 3215 Western Ave., Seattle 1, Wash. AT 4-8313 (West).

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M. J. Howard & Co. Ltd., 1206 Bank St., Ottawa, Ont. CE 5-9931.

Watliff Co. Ltd., Lombard Rd., S. Wimbeldon, London, S.W. 19, England.

The Glendon Co. Ltd., 44 Wellington St. E., Toronto, Ont. EM 6-5673.

Waugh Engrg. Co., 7842 Burnet Ave., Van Nuys, Calif.
Associated Instrumentation & Controls Ltd., 2655 Bates Rd., Montreal 26, Que. RE 8-1167.

Waveforms, Inc., 333 Sixth Ave., New York 14, N.Y.

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Webster Electric Co., 1900 Clark St., Racine, Wis.

General Sound & Theatre Equipment Ltd., 861 Bay St., Toronto 5, Ont. EM 4-2438.

Weckesser Co., 5701 Northwest Highway, Chicago 30, Ill.

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W. M. Welch Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.

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Northern Industrial Prods. Ltd., 41 Crockford Blvd., Toronto 13, Ont. PL 9-1179.

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Chemical & Industrial Sales Ltd., 8035 - 102 St., P.O. Box 4115, South Edmonton, Alta.

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Smyth Electronic Components Ltd., 380 Craig St. W., Montreal, Que. AV 8-6281.

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Wuerth Tube-Saver Corp., 9125 Livernols Ave., Detroit 4, Mich.

Active Radio & TV Distributors, 58 Spadina, Toronto 2B, Ont. EM 4-2256.

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Xcellite, Inc., Thorne & Bank Sts., Orchard Park, N.Y.

Chas. W. Pointon Ltd., 66 Racine Rd., Rexdale, Ont.

Z

Zeiss Aerotopograph GmbH, Muenchen, Germany.

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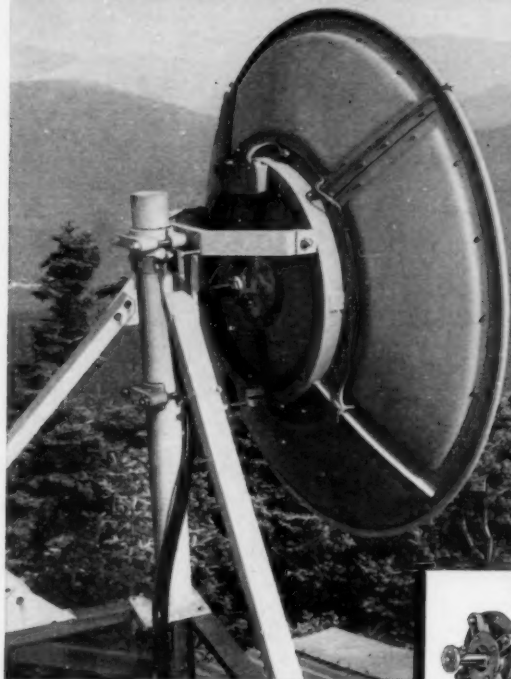
Electrovert Ltd., 265 Craig St. W., Montreal, Que. UN 1-1872; and P.O. Box 23, Stn. "N", Toronto, Ont. CL 5-4436.

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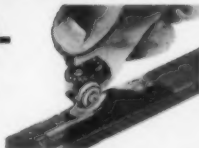
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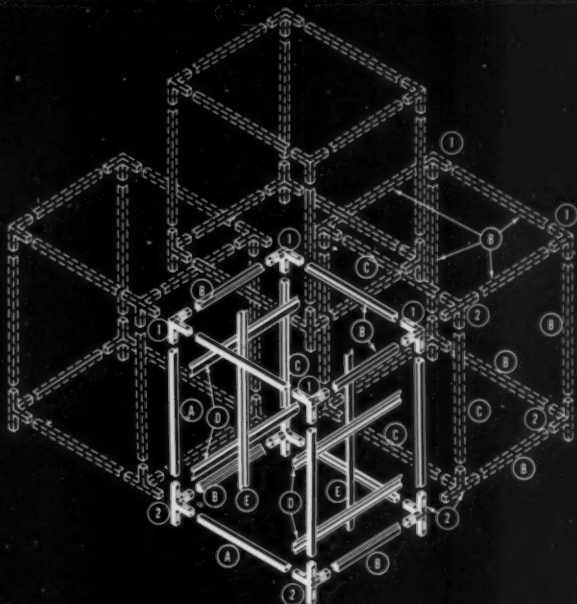
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This section comprises a cross-reference index of all Canadian sales representatives and distributors whose names appear in either Section 2 or Section 3.

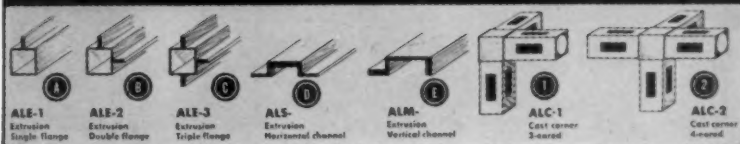
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- D. Peter Abbott**, 1161 Melville St., Vancouver 5, B.C. MU. 2-1307.
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Semi-Elements, Inc.
Waldom Electronics, Inc.
Wuerth Tube-Saver Corp.
- Adams Engrg. Ltd.**, 1500 St. Catherine St. W., Montreal 16, Que. WE 3-6857; 1999 Avenue Rd., Toronto 12, Ont. HU 8-9487; 77 Metcalfe St., Ottawa, Ont. CE 5-2174.
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Crowley Div., Aerovox Corp.
HI-Q Div., Aerovox Corp.
Wilkar, Aerovox Corp.
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H. W. Sullivan Ltd.
United Electronics Co.
- Aircraft Appliances & Equipment Ltd.**, 585 Dixon Side Rd., Box 177, Weston, Ont. CH 4-5506-7-8.
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Avtron Mfg., Inc.
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- Airfile Components Co.**, 71 Dixon Rd., Toronto 15, Ont.
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Howard Industries, Inc.
Roto Mfg. Co.
- Alloy Metal Sales Ltd.**, 181 Fleet St. E., Toronto, Ont. EM 2-4411.
Driver-Harris Co.
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- The American Superior Electric Co. Ltd.**, 174 Evans Ave., Toronto 18, Ont. CL 5-2318 and RO 2-7309.
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- Amplivox (Canada) Ltd.**, 71 Wellesley St. E., Toronto 5, Ont. WA 3-9401.
Amplivox Ltd.
- Alec W. Andrews & Associates**, 1239 Tecumseh Park, Port Credit, Ont. CR 8-3478.
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Chemo-Products, Inc.
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Sigma Instruments, Inc.
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N. American Philips Co., Inc., Elmet Div. (West)
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- Astral Electric Co. Ltd.**, 44 Danforth Rd., Toronto 13, Ont. OX 1-1131. Branch: B. D. Coyne, 4130 Molson Ave., R.R. 2, Box 21, Ste. Genevieve de Pierrefonds, Que. NA 6-5412. Rep: Caldwell A/V Equipment Co. Ltd., 447 Jarvis St., Toronto, Ont. WA 2-2103.
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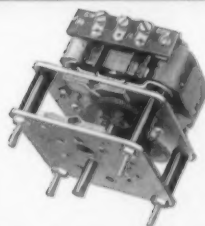


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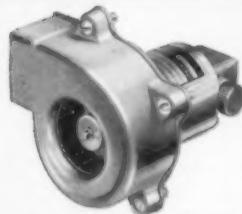
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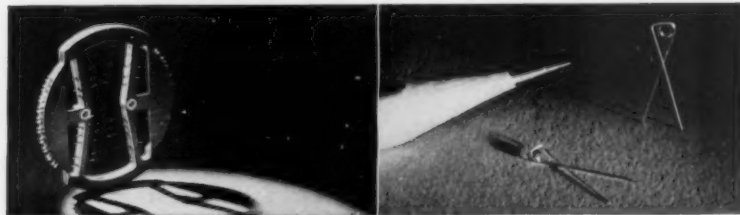
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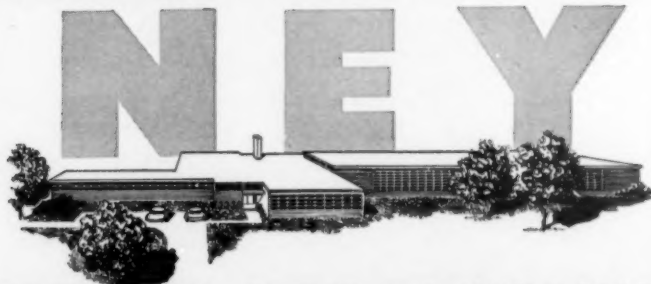
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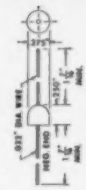
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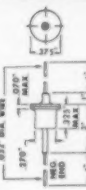


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Rep: Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418.
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Computing Devices of Canada Ltd., P.O. Box 508, Ottawa 4, Ont. TA 8-2711; 223A-10th St. N.W., Calgary, Alta. AT 3-2860; 164 Eglinton Ave. E., Toronto, Ont. HU 8-2452.

All American Tool & Mfg. Co.
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Benson Lehner Corp.
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Dynatron Ltd.
Ekco Electronics Ltd.
Epsco, Inc.
Epsilon Industries Ltd.
Flight Research
Friden Calculating Machines Co., Inc.
Huber Industries, Inc.
Hycon-Eastern, Inc.
Microdyne
Northeastern Engng., Inc.
O.M.I. Corp. of America
Reeves Instrument Corp.
Teletronics Lab., Inc.
Traid Corp.
Vanguard Instruments, Inc.
Vinten Ltd.

Concor International Corp., P.O. Box 598, Long Beach, N.Y. GE 1-0410.

Development Engng. Co., Inc. (Outside U.S.)

Consolidated Electronic Equipment Co. Ltd., 94 Sheppard Ave. W., Willowdale, Ont. BA 5-6921.
Curtiss-Wright Thermal Device Div.
Fillors, Inc.
Garde Mfg. Co.
K.L.G. Sparking Plugs Ltd., Special Prods. Div.

Constellation Components Co., 136 Tower Dr., Scarborough, Ont. PL 7-3359 and 17041 Omega Pl., St. Genevieve, Que. NA 6-5673.
Autotronics, Inc.
Engel & Gibbs Ltd.
Electro Development Corp. (Canada except B.C.)
Licon Switch Div., Illinois Tool Works
Moog Valve Co.
Muirhead Instruments Ltd. (Ont. & East)
Torsion Balance Co.

Conway Electronic Enterprises Reg'd., 1514 Eglinton Ave. W., Toronto 10, Ont. RU 3-6576 & 6676.

Action Labs., Inc.
Advance Components Ltd.
American Electronic Labs., Inc.
Bailey Meters & Controls Ltd.
Chirana Corp.
Diamond Antenna & Microwave Corp.
Dyna Magnetic Devices, Inc.
Eddystone Co. Ltd.
Elsin Electronics Corp.
General Resistance, Inc.
Gray Instruments Co.
Guidance Controls Corp.
W. H. Harrison
Kasama Co. Ltd.
Kelvin Electric Co.
Labgear (Cambridge) Ltd.
Magnavox Co.
Medelec Ltd.
Metra Corp.
Metrix Instruments Ltd.
Micro-Methods Ltd.
Narda Ultrasonics Corp.
New London Instrument Co.
Nutron Mfg. Co., Inc.
Performance Measurements Co.
Pyrofilm Resistor Co.
W. G. Pye Co. Ltd.
Rainbow Radio Mfg. Co. Ltd.
Rohde & Schwarz
W. H. Sanders Ltd.
Southern Instruments Ltd.
Stratton & Co. Ltd.
Taber Instruments Corp.
Taylor Electrical Instruments Ltd.
Technibilt Corp.
Telefunken GmbH
Universal Atomics Corp.
Universal Transistor Prods. Corp.
Waltham Electronics Corp.

Cords (Canada) Ltd., 149 Sterling Rd., Toronto 3, Ont. LE 7-1221.

Heyman Mfg. Co.

B. D. Coyne, 4130 Molson Ave., St. Genevieve de Pierrefonds, R.R. 2, Box 21, Que. NA 6-5412.
Cook Records Canada
Hellerbrand Canada Ltd.
Ungar Electric Tool Co. of Canada

Cresswell-Pomeroy Ltd., Leon Harmel St., Granby, Que. FR 8-4611; 123 Cote d'Abraham, Quebec, Que. LA 2-3953; 2425 Grand

Bldg., Montreal, Que. HU 1-1142; 35 Densley Ave., Weston, Toronto 15, Ont. CH 1-5251; 10334-108th St., Edmonton, Alta. ED 2-2821; 839 Powell St., Vancouver, B.C. MU 5-6614. Rep. Walter Wray Ltd., 1111 Chevrier Blvd., Fort Garry, Winnipeg 9, Man. 428-007.
Expanded Metal Co. Ltd.

Cross Canada Electronics, 67 Ontario St. S., Kitchener, Ont. SH 2-7811.
Magnetic Coil Co.

D

D & B Sound & Signals, Inc., 39 Notre Dame St. E., Montreal 1, Que. UN 1-7141. Branch: H. Pfaff, 22 Applefield Dr., Scarborough, Ont. PL 7-2172. Distributors in principal cities.
Autophone Ltd. (East)
The S. H. Couch Co., Inc. (East)
General Signal & Time Systems Ltd.
Lustraphone Ltd.
The Trix Electrical Co. Ltd.

Dage Corp., 219 E. 44th St., New York, N.Y. MU 2-6755.
Alabama Automation Corp.
Andersen Labs., Inc.
Ferrotec, Inc.
Microwave Development Lab., Inc.

Oaktron Industries
Strand Labs., Inc.
U.M. & F. Mfg. Co.

Davies Agency, Box 252, Saint John, N.B.
Renfrew Electric Ltd.
Dayrand Limited, 4612 St. Catherine St. W., Montreal 6, Que., WE 2-2541.
Dielectric Prods. Engng. Co., Inc.

Amco Engineering Co. (Que.)
Phelps Dodge Copper Prods. Corp.
Carl W. Schutter Microwave Corp.

Decca Radar (Canada) Ltd., 23 Six Points Rd., Toronto 18, Ont. BE 2-1161.
Decca Radar Ltd.

Delhi Metal Products Co. Ltd., Waverley St., Delhi, Ont. 211.
Spaulding Products Co.
Telrex Labs.
W. L. Dell, Automatic Telephone & Electric Co. Ltd., P.O. Box 575, St. John's, Nfld.
Automatic Telephone & Electric Co. Ltd.

Delta Aircraft Equipment Co., 1978A Avenue Rd., Toronto 12, Ont. RU 3-7372.
Great Lakes Mfg. Corp.
Revere Corp. of America
Standard Crystal Co.
Transco Prods., Inc.

Delton Corp., 430 Birchmount Rd., Toronto 13, Ont. OX 9-9366.
Midget Louver Co.
A. Deskin Sales Co., 1091-14th St., St. Martin, Que. MU 1-0201.
Allard Instrument Corp.
Northern Nylon Molding Corp.
Precision Metal Prods. Co.
Tech Laboratories, Inc.
Union Electronics & Machine Corp.

Valor Electronics, Inc.
Desser E-E Ltd., 441 St. Francois Xavier, Montreal, Que. VI 5-6570.
Atlas E-E Corp.
Electro-Mechanical Instrument Co.
General Transistor Corp.
General Transistor Western Corp.
Gremar Mfg. Co., Inc.
London Electrical Mfg. Co. Ltd.
Utah Radio Prods. Corp.
Vokar

Domac Technical Sales Ltd., 1950 Bank St., Ottawa, Ont. RE 3-3390.
E.C.C. Canada Ltd.
James S. Spivey, Inc.
Dominion Electrohome Industries, Ltd., Technical Prods. Div., 140 Mansion St., Kitchener, Ont. SH 3-0271.
Electronic Control Corp.
Isotope Developments Ltd.
Machinery Electrification, Inc.
Radio Heaters Ltd.

Radiovisor Parent Ltd.
Trumeter Co. Ltd.

Dominion Industries, 270 Parliament St., Toronto, Ont. EM 6-3666.

Arcuswerke
F. Wieland Elektrische Industrie GmbH

Dominion Machinery & Equipment Co. Ltd., 36 New Gower St., P.O. Box 907, St. John's, Nfld. 4052-53, and P.O. Box 748, Corner Brook, Nfld.
Electro-Vox Intercom, Inc.

J. K. Dooley Co., 3215 Western Ave., Seattle 1, Wash. AT 4-8313.
American Electronics, Inc. (B.C.)
Waterman Products Co., Inc. (West)

Douglas Randall (Canada) Ltd., 126 Mainville Rd., Scarborough, Ont. PL 9-2291 and OX 8-3081.
American Electric Mfg. Corp.
Arrow Radio Co.
Bourns Labs., Inc.
Diehl Mfg. Co.
ETC Ltd.
Electric Corp.
Electronic Controls Ltd.
The Gamewell Co.
Microtran Co., Inc.
Reeves Instrument Corp.
Taurus Corp.
Teleuto Industries Corp.
U. S. Gear Corp.

Dupar (Canada) Ltd., 140 Mansion St., Kitchener, Ont. SH 3-0271.
Dewhurst & Partner Ltd.
Dycon Ltd., 25 Carson St., Toronto 14, Ont. CL 9-8276.
Aikomatic Valve Co., Inc. (Ont.)
Atlas Valve Co. (Ont.)
Auto-Ponents, Inc. (Ont.)
The Bruning Co. (Ont.)
Dynex, Inc. (Ont.)
Andrew Fraser & Co. Ltd. (Ont.)
Gresen Mfg. Co. (Ont.)
Lenz Co. (Ont.)
Marvel Engrs. Co. (Ont.)
Pneu-Trol, Inc. (Ont.)
Sinclair-Collins Valve Co. (Ont.)
Skinner Electric Valve Div. (Ont.)

E

E.C.C. Canada Ltd., 66 Colville Rd., Toronto 15, Ont. CH 4-6455-6.
Rep: Domac Technical Sales Ltd. 1950 Bank St., Ottawa, Ont. RE 3-3390.
George Ellison Ltd.
Galbraith & Grant Ltd.
M. S. Gibb Ltd.
Nalder Bros. & Thompson Ltd.
The Electric Construction Co.
Transformers & Rectifiers Ltd.
Tufnol Ltd.

E.M.I.—Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487; 72 Grenville St., Toronto, Ont. WA 3-7611; 8230 Mayrand St., Montreal, Que. RE 3-6502.
Best Products Ltd.
British Thompson-Houston Ltd.
Cossor Instruments Ltd.
Dawe Instruments Ltd.
E.M.I. Electronics Ltd.
Eriksen Telephone Sales of Canada Ltd.
Evans Electroelenium Ltd.
General Radiological Ltd.
Lustraphone Ltd.
Rank Cintel Instruments Ltd.
S.K.L. Instruments Ltd.
Whiteley Electrical Radio Co. Ltd.

E-T-A Products of Canada Ltd., 165 Craig St. W., Montreal 1, Que. UN 1-5988.
Ellenberger & Poensgen GmbH

Edo (Canada) Ltd., Box 97, Cornwall, Ont. WE 2-6774-5.
Edo Corp.
Electro-Ceramics, Inc.

Edwards High Vacuum (Canada) Ltd., P.O. Box 515, Cumberland Ave., Burlington, Ont. NE 4-7757 & Toronto EM 3-9841.
Edwards High Vacuum Ltd.

Elcom Marketing Ltd., 123 Mainville Rd., Scarborough, Ont. OX 8-3691. Sales to jobbers, non-electronic mfrs., broadcast stns., civic depts., and utilities. For list of principals see under Lake Engrg. Co. Ltd.

Elder Electronics, 3220 Robert St.,
Burlington, Ont. NE 4-0511.

Amco Engrg. Co.
Electronic Prods. Div., Post
Machinery Co.
Instron Engrg. Corp.
Marion Electrical Instrument
Co.
Radio Frequency Co., Inc.
Rust Industrial Co., Inc.

Electro Sonic Supply Co., Ltd.,
543 Yonge St., Toronto, Ont. WA
4-9301. Distributor of a wide
range of electronic and allied
components and equipment.
Atlas E-E Corp. (Ont.)

Electrodata Div. of Burroughs
Adding Machine of Canada Ltd.,
1313 Wellington St., Ottawa, Ont.
PA 8-3539; 752 Bay St., Toronto,
Ont. EM 3-3000; 5757 Decelles
Ave., Suite 404-05, Montreal, Que.
RE 3-0468.

Electrodata Div., Burroughs
Corp. (East)

Electrodesign, 736 Notre Dame St.
W., Montreal, Que. UN 6-7367;
376 London Terrace, Ottawa 2,
Ont. SH 9-6837; 35 Mulholland St.,
Toronto, Ont. RU 7-0991.

Addison Electric Co. Ltd.

(Ont. & Que.)
Alford Mfg. Co. (Ont. & Que.)
Allison Labs. (Ont. & Que.)
American Rectifier Corp.
Arnold Magnetics Corp. (Ont.
& Que.)

Atlas-Werke A.G.
Baldwin Instrument Co. Ltd.
Beam-Echo Ltd.
Branson Instruments, Inc.
Branson Ultrasonic Corp. (Ont.
& Que.)

Bytrec Corp. (Ont. & Que.)
California Technical Industries
(Ont. & Que.)

A. E. Cawell & Co. Ltd.
Chassis-Trak, Inc. (Ont. & Que.)
Crescent Engrg. & Research
Co. (Ont. & Que.)

Croyden Instruments
Cubic Corp. (Ont. & Que.)
Dynapar Corp. (Ont. & Que.)
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AUTOMATIC IMPEDANCE PLOTTERS

- Continuous impedance display with frequency
- Available in portable and rack-mounted units

Type	Frequency Range (mc)	Line Size
12	2.5-250	Type N
11-Q	30-400	Type N
11-PS	180-1100	Type N

SLOTTED LINES

- Residual swr under 1.010
- Rated error in detected signal under 1.005
- Available with a wide variety of tapered reducers

Type	Frequency Range (mc)	Impedance (ohms)
1026-13	50-3000	50 or 75
1026-8	75-3000	50 or 75
1026-6	100-3000	50 or 75
1026-4	150-3000	50 or 75
1026-2	300-3000	50 or 75

COAXIAL SWITCHES

- High power ratings; swr under 1.06
- Pressurized
- Motor-driven and manually operated models

Type	Frequency Range (mc)	Line Size
1038	0-450	6 1/8"
1136	0-500	3 1/8"

Very high peak power models for radar applications

1038-HV	0-450	6 1/8"
1136-HV	0-500	3 1/8"

INSTRUMENT LOADS

- High stability; very low swr
- Nearly all transmission line sizes

Type	Frequency Range (mc)	Line Size	Max SWR
1108B	0-1100	Type N	1.02
2120	0-1000	1/2"	1.03
1112	0-1000	1 1/8"	1.03
1110	0-650	3 1/8"	1.03

HYBRIDS

- Very broad band
- Very low residual unbalance

Type	Frequency Range (mc)	Max. SWR	Residual Unbalance (db)
1027-K	60-120	1.4	-50
1027-L	120-240	1.4	-50
1027-M	240-480	1.5	-50
1027-N	480-960	1.6	-50
1098	960-1600	1.6	-40
1102	1600-2400	1.5	-40
1104	2400-3600	1.5	-34
1100-K	60-120	1.4	-55
1100-L	120-240	1.4	-55
1100-M	240-480	1.5	-55
1100-N	480-960	1.6	-55
1099-N	800-960	1.2	-50
1099-O	975-1175	1.2	-50
1024	TV Channels 2-13	1.05	-50

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directional and omnidirectional
ADJUSTABLE MATCHING NETWORKS
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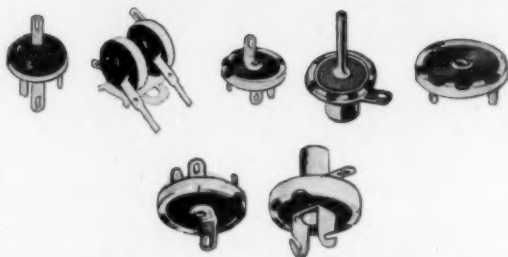
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Manufacturing Company
299 ATLANTIC AVE., BOSTON, MASS.

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Franklin Electronics Inc. (Ont. & Que.)
 Godart-Mijnhardt N.V.
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 Oregon Electronic Mfg. Co. (Ont. & Que.)
 Rutherford Electronics Co. (Ont. & Que.)
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 Syston Corp. (Ont. & Que.)
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 Vector Labs. Inc.
 The Waters Corp. (Ont. & Que.)
 Waveforms, Inc. (Ont. & Que.)
 Whitson, Inc. (Ont. & Que.)
 Zell Prods. Corp. (Ont. & Que.)
- Electrolabs, 7385 St. Lawrence Blvd., Montreal 16, Que. CR 6-6076.**
 Accurate Electronics Corp.
 Acoustica Associates, Inc. (East)
 Aerolite Electronics Corp.
 Berkshire Electric Cable Co. (East)
 S. G. Brown Ltd. (East)
 Chicago Industrial Instrument Co.
 Clive Courtney & Co. Ltd. (East)
 Kellogg Switchboard & Supply Co. (Que.)
 Onondaga Pottery Co., Electronics Div.
 Photovolt Corp. (East)
 Statham Development Corp.
 Venner Electronics Ltd. (East)
 W. M. Welch Mfg. Co. (East)
- Electroline Television Equipment, Inc., Suite 114, 5757 Decelles Ave., Montreal 24, Que. RE 4-9095.**
 Ad-Yu Electronics Lab., Inc.
 Applied Research, Inc.
 Del Electronics Corp.
 Entron, Inc.
 Giantview Closed Circuit Television Network
 Ribet-Desjardins
 Television Utilities Corp.
 Underwood-Canaga
- Electromechanical Prods., Markham Rd., Agincourt, Ont. AX 3-7011 and 11819 Michel Sarrazin, Montreal 9, Que. RI 4-1932.**
 Advanced Electronics Mfg. Corp.
 Atlantic Instruments, Inc.
 B & F Instruments, Inc.
 Behlman Engrg.
 Burr Brown Corp.
 Computer Measurements Corp.
 Electro Instruments, Inc.
 Electro Mechanical Research, Inc.
 Electronic Tube Corp.
 General Communications Co.
 Holt Instrument Co.
 Kistler Instruments Co., Inc.
 Laboratory for Electronics, Inc.
 Levinthal Electronic Prods., Inc.
 G. T. Meillon
 Metronix, Inc.
 Nems Clarke, Inc.
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 Perkin Engrg. Corp.
 Photon Instrument Co.
 Radiation Counter Labs., Inc.
 Arthur C. Ruge, Inc.
 Sage Electronics Corp.
 Schaeffert Engrg.
 J. Langham Thompson Ltd.
- Electronic Associates Ltd., 4616 Yonge St., Willowdale, Ont. BA 1-1126.** Rep: Pacific Communications Services Ltd., 1181 Marine Dr., N. Vancouver, B.C. YU 7-3914.
- Engineered Electronics Co. Ultra-Violet Prods., Inc.**
Electronic Enterprises Ltd., 270 Vitrine St. W., Montreal, Que. UN 1-1838. Reps: George H. Giles Sales, 16 Centre St., Thornhill, Ont. AV 5-2241; National Sales Co., 72 Princess St., Winnipeg, Man. WH 3-8707; A. L. Whitehead, P.O. Box 2345, Vancouver, B.C. VA 2-2210.
 Nesor Alloy Prods. Co.
- Electronic Service Supply Co., Div. of Electronic Res. & Dev. Co. Ltd., 210-9th Ave. S.E. Calgary, Alta. AM 6-6048; 2810 Dewdney Ave., Regina, Sask. JO 9-2992; 9828 Jasper Ave., Edmonton, Alta. 28831.** Reps: Evers Electronics Ltd., 752 E. Hastings, Vancouver, B.C. MU 1-0267; Tele-Radio Systems Ltd., 3534 Dundas St. W., Toronto 9, Ont. RO 2-8224; Western Sound Services Ltd., 613 Portage Ave., Winnipeg, Man. SP 4-5547.
 Allen B. Du Mont Labs., Inc., International Div.
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 Kellogg Switchboard & Supply Co. (West)
 Lake Mfg. Co., Inc.
- Electronic Tube Co., 464 McGill St., Montreal, Que. AV 8-6218.** Distributor of a wide range of electronic and allied components and equipment. Bi-monthly catalogues available on request.
Electrovert Ltd., 265 Craig St. W., Montreal, Que. UN 1-1872 and P.O. Box 23, Station N, Toronto, Ont. LC 5-4436.
 Akustische u. Kino-Gerate GmbH
 Fry's Metal Foundries Ltd.
 Insuloid Mfg. Co. Ltd.
 Loxley Ltd.
 The Micante & Insulators Co. Ltd.
 Zoomar Marketing Corp.
- The J. W. Ellis Industries, 80 Richmond St. E., Toronto, Ont. EM 6-1434.**
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 Theo Benning
 The British Rototherm Co. Ltd.
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 Danochemo A/S
 Drelo, Eng. P. Drewell
 Elima GmbH
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 Sodeco, Societe des Compteurs de Geneve.
 Unifac Ltd.
 Hermann Wetzler
 Zwick & Co. K.G.
- Emerson Sales Ltd., 154 Alexander St., Vancouver 4, B.C. MU 1-6418.**
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 Argos Prods. Co.
 Mark Simpson Mfg. Co., Inc. (West)
 Minifon (West)
 Recoton Corp.
- Empire Engineering Co., 738 Dundas St. E., Toronto, Ont. EM 4-2928.**
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 Dominion Rubber Co.
 David Dowling Ltd.
 Dremel Mfg. Co.
 Foremost Electric Co.
 Lake Chemical Co.
 The Lewis Machine Co.
 Mouldmakers & Engravers Ltd.
 H. P. Preis Engraving Machine Co.
 Tom Senior
 Taylor, Taylor & Hobson Ltd.
- Engineered Sound Systems Ltd., 169 Kipling Ave. S., Toronto 18, Ont. BE 3-2155.**
 Eico Telephones (Ont.)
 Hasler Telephones (Ont.)
 W. L. Maxson Co.
 Reeves Equipment Corp.
 Tandberg (East)
- Enterprise Agencies Ltd., 5301 Western Ave., Montreal 28, Que. HU 4-3551 and 6 Church St., Toronto, Ont. EM 4-9081.**
 Eastern Industries Inc.
- Ericsson Telephone Sales of Canada Ltd., 130 Bates Rd., Montreal 8, Que. RE 1-6428 and 34 Advance Rd., Toronto 18, Ont. BE 1-1811.** Reps: E.M.I.-Cossor Electronics Ltd., 301-303 Windsor St., Halifax, N.S. 4-6487; MacIvor Electronics Ltd., 248 Main St., Winnipeg 1, Man. WH 2-3026; Canadian Electronics Ltd., 109 St. at 107 Ave., Edmonton, Alta. 4-6451; L. A. Varah Ltd. (Westronic Engrg. Sales), 1451 Hornby St., Vancouver 1, B.C. MU 1-0104; Pacific Communications Services Ltd., 1181 Marine Dr., N. Vancouver, B.C. YP 7-3914.
 North Electric Co.
- Erie Resistor of Canada Ltd., 7 Fraser Ave., Trenton, Ont. EX 2-6524 and Toronto, EM 2-3315.** Sales Office: 4972 Dundas St. W., Islington, Ont. BE 1-1712.
 Corning Glass Works
- Evershed & Vignoles (Canada) Ltd., P.O. Box 100, 4554 Dufferin St., Toronto 19, Ont. ME 3-5937 and P.O. Box 632, Calgary, Alta. CH 4-8606.**
 Evershed & Vignoles Ltd.
 The Record Electrical Co. Ltd.
- F**
Les Farey, 337 Barmond Ave., Richmond, B.C.
 Benco Television Associates Ltd. (B.C. & Alta.)
The Feron Co., Kempt Rd., Halifax, N.S. 4-6475.
 Midget Louver Co.
- Ferro Enamels (Canada) Ltd., P.O. Box 37, Oakville, Ont. VI 5-4271.**
 Hawkesbury Wire Co. Ltd. (Resistance Wire) (Ottawa Valley & Montreal)
- Fiberglass & Chemical Services, Inc., 1220 W. Nickerson, Seattle 99, Wash. AL 1995.**
 Hysol (Canada) Ltd. (B.C.)
- Filer Smith Co. Ltd., 503 Confederation Life Bldg., Winnipeg 2, Man. WH 2-3875.**
 The States Co. (Sask. & Man.)
 Continental-Diamond Fibre of Canada Ltd.
- Len Finkler Ltd., 1794 Avenue Rd., Toronto, Ont. RU 1-5232;**
 Sybell Sales Co., 276 Arlington St., Winnipeg, Man. SU 3-3235; A. L. Whitehead Ltd., P.O. Box 2345, Vancouver, B.C. WA 2-2210; Mr. Irving Waxman, 5050 MacKenzie St., Montreal, Que.
 Arco-Elmenco
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 Eze-Hook Test Prods. Co.
 Fourjay Industries
 Gernsbach Publications, Inc.
 Hunter Tools
 Illumitronic Engrg.
 Kitchener Electronics Industries Ltd.
 Labtronics, Inc.
 K. Miller Tool & Mfg. Co.
 Moody Machine Prods.
 Newcastle Fabrics Corp. (Ont.)
 Oryx Electrical Labs. Ltd.
 Telegraph Condenser Co.
 Tenatronics Ltd. (Ont. & Que.)
 Triplett Electrical Instrument Co. (Ont. & East)
 Workman TV, Inc. (Ont. & West)
- The Foxboro Co., 707 Dollard Ave., LaSalle, Montreal, Que. DO 6-4210,** also at Toronto, Saint John, Sudbury, Port Arthur, Edmonton, Calgary & Vancouver.
 The Foxboro Co.
- George M. Fraser Ltd., 1554 Yonge St., Toronto 7, Ont. WA 4-9492.**
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 W. C. Dillon & Co. Inc.
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 Esterline-Angus Co., Inc. (W. Ont.)
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 Magnetics, Inc.
 Rapid Electroplating Process, Inc.
- L. H. Frost (Canada) Ltd., 1078 Service Rd., PO Box 425, Oakville, Ont. VI 4-6681.**
 Detroit Controls Corp.
 L. H. Frost & Co., Inc.
 The Lux Clock Mfg. Corp.
- G**
The Garrett Mfg. Corp. of Canada Ltd., 4 Racine Rd., Rexdale, Ont. CH 4-5655 and 1255 Laird Blvd., Montreal, Que. RE 8-7605.
 Aero Supply Co.
 Century Electronics & Instruments
 Eckel Valve Co.
 Electrofilm, Inc.
 Pacific Scientific Co.
 Phillips Electronics, Inc.
 Rosemount Engrg. Co.
 The Wood Electric Co.
- Gas Accumulator Co. (Canada) Ltd., 12 Gower St., Toronto 16, Ont. PL 5-5297.** Reps: Mackay Morton (Western) Ltd., 3610 Macleod Trail, Calgary, Alta. and 11015-102nd St., Edmonton, Alta.; Walter McHugh Industries Ltd., 1817 West 4th Ave., Vancouver, B.C.; George L. Luck, 5684 Pare St., Montreal 9, Que. RI 7-8282.
 AG's Division of Esna
 Buchanan Electrical Prods. Corp.
- Geerz & Holm Canada Ltd., 629 Denman, Vancouver 5, B.C. MU 3-5233, MU 3-7844; and 113 Sterling Rd., Toronto 3, Ont. LE 3-7415.**
 Dual, Gebr. Steidinger
 Max Egon Becker
 Autodiawerker
 Isoph-Werke GmbH
 Norddeutsche Mende Rundfunk GmbH (West)
- General Communications Ltd., 980 O'Connor Dr., Toronto 16, Ont. PL 5-4071.**
 Analytical Measurements, Inc.
 Branson Corp.
 Eastern Specialty Co.
 Hallam, Sleigh & Cheston Ltd.
 Instrument Labs.
 Standard Instrument Corp.
 Techniflex Mfg. Co.
- General Electric X-Ray Corp. Ltd., 1553 Eglinton Ave. W., Toronto 10, Ont. RU 3-6106,** also at Halifax, Montreal, Winnipeg, Edmonton & Vancouver.
 General Electric Co., X-Ray Dept.
- General Instrument-F. W. Sickles of Canada Ltd., 151 Weber St., P.O. Box 408, Waterloo, Ont. SH 4-8101.** Reps: Adams Engrg. Ltd., 1500 St. Catherine St. W., Montreal, Que., 77 Metcalfe St., Ottawa, Ont., and 1999a Avenue Rd., Toronto, Ont.; C. W. Poisson, Toronto; Canadian Line Materials, Toronto.
 Automatic Mfg. Div., General Instrument Corp.
 General Instrument Corp.
 Micamold Electronics Mfg. Corp.
 Radio Receptor Co., Inc.
 F. W. Sickles Div., General Instrument Corp.
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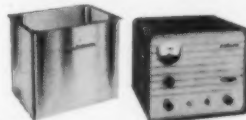
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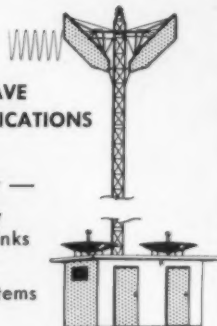
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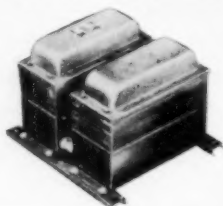
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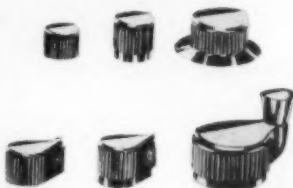


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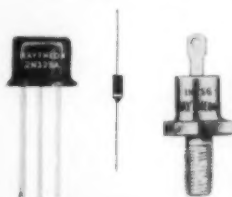
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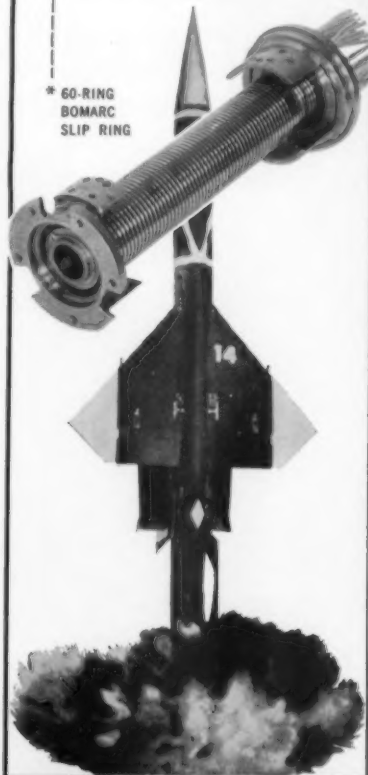
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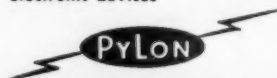
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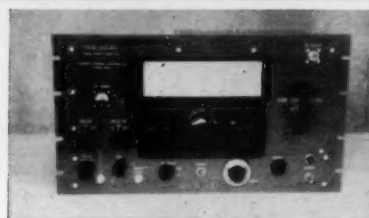
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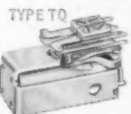
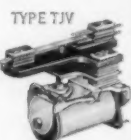
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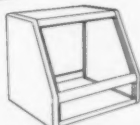


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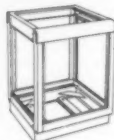
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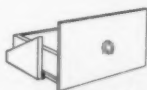
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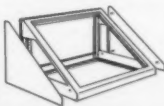
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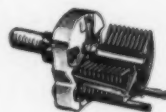
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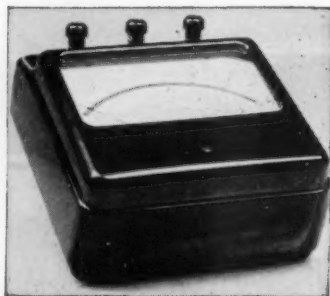
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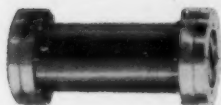
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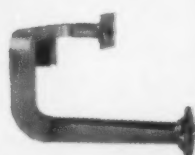
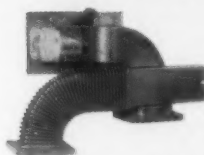
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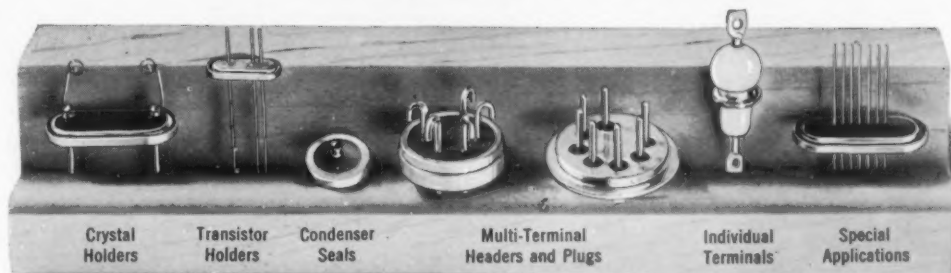
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Control Panel Corp.

Moore Associates, Inc. (West)

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Van Waters & Rogers Co. Ltd., Scientific Supplies Div., 2625 Skeena St., Vancouver, B.C. HE 3-0521; Canadian Electronics Ltd., 109 St. at 107 Ave., Edmonton, Alta. AM 6-3228.

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Babcock Relays, Inc.

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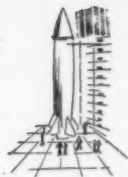
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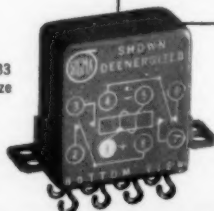
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SENSITIVITY	Operate 200 mw, release 2 mw.
CONTACT RATING	2 amperes at 28 VDC/120VAC, resistive load, for 100,000 operations min. at 125°C max.
SPEED	Operate time 2 to 20 ms, depending on overdrive; Release time 2.5 ms, max.
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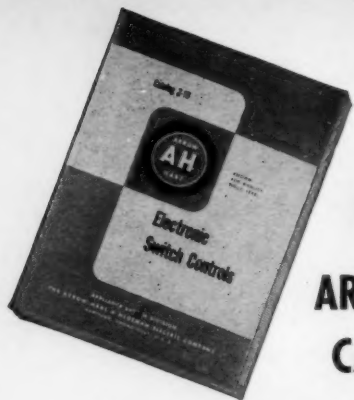
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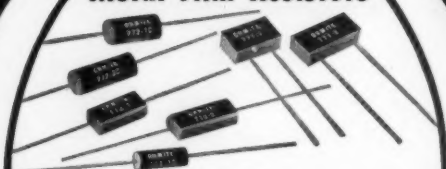
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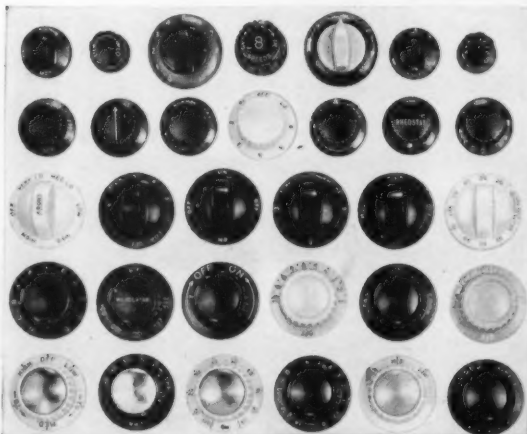
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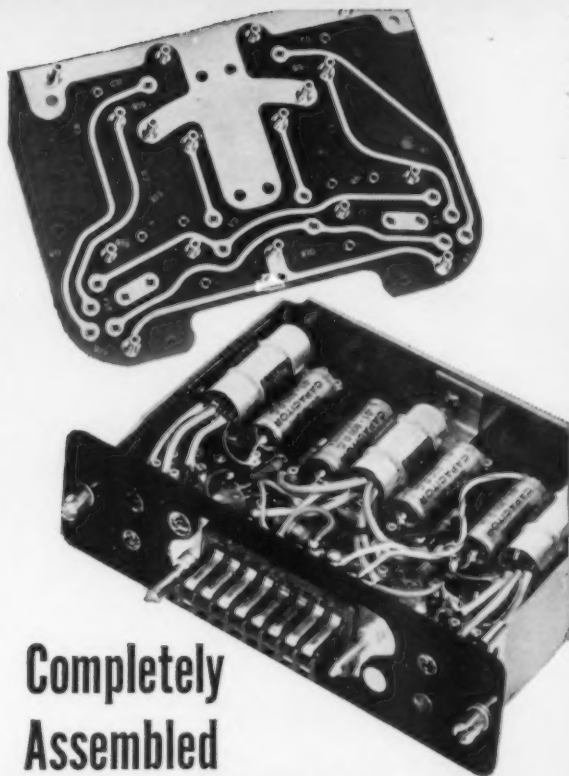
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(Continued on page 148)

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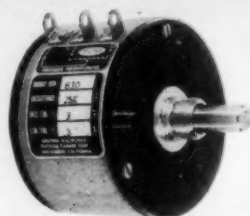
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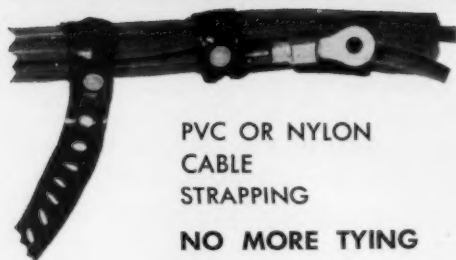
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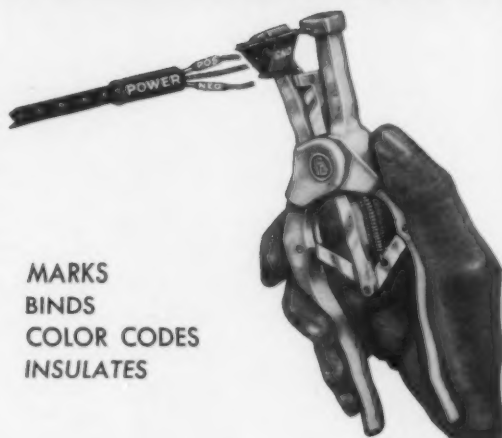
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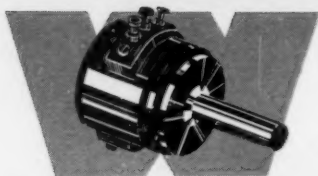
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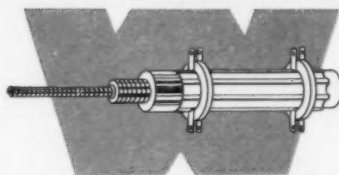
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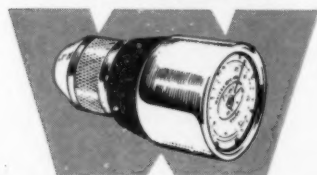
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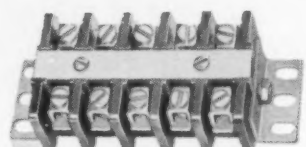
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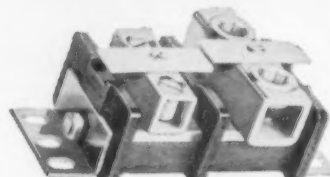
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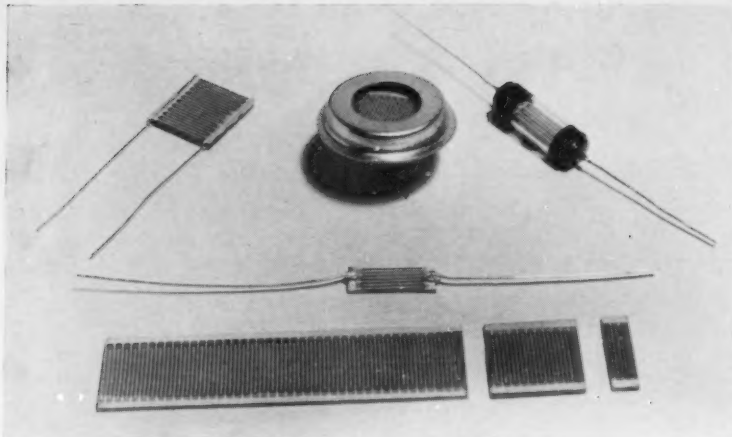
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Industrial measurement and control systems using nuclear and other devices, pioneered by Canadian engineers, are soon to be produced under license in Europe.

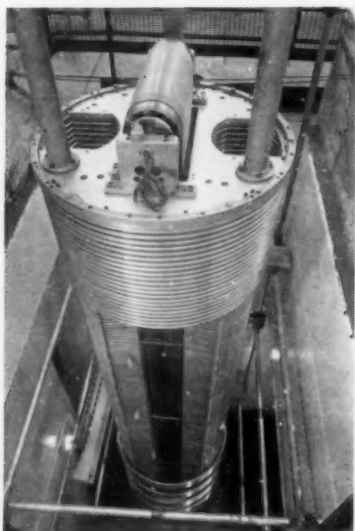
Canadian Curtiss-Wright, Limited has named two European licensees for manufacture, installation and servicing of control systems developed at the company's Oakville, Ontario, plant. They are Elliott Brothers of London, England, and Giuseppe Barazzetti & Company of Milan, Italy.

The licensees will produce all components of the systems except the sensing heads, which will be manufactured at the Oakville plant.

U. K. tandem accelerators go into operation

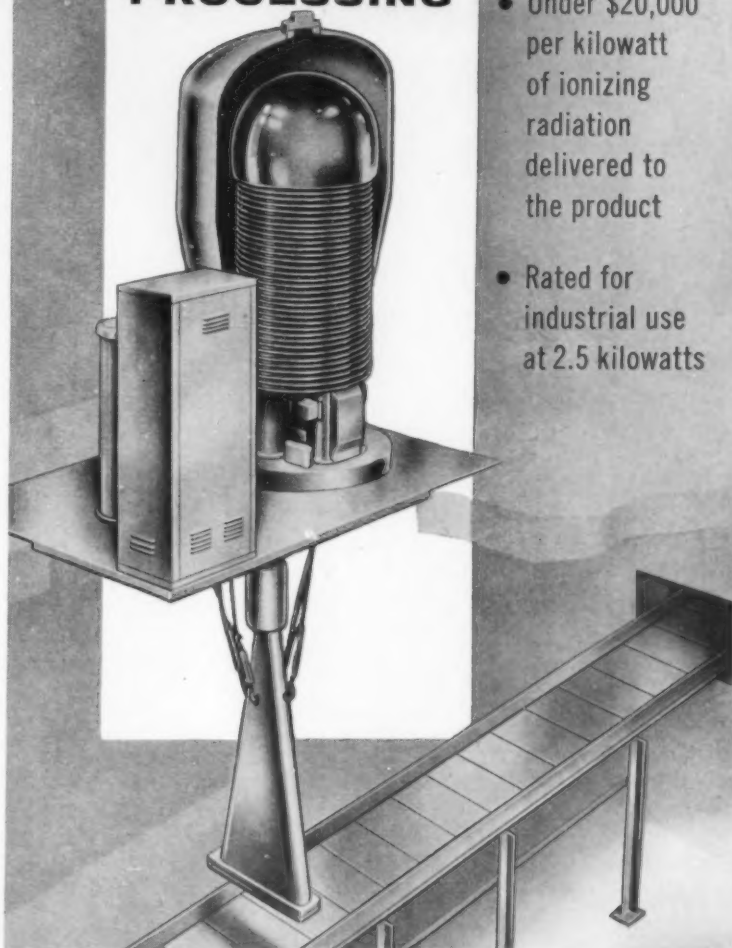
"... I am glad to be able to advise that both the generators described in my article (CEE, February, 1959, page 26) first produced a beam toward the end of March. Since then various minor troubles have been cleared, and peak voltages are now in the region of 9 to 11 million volts ($4\frac{1}{2}$ to $5\frac{1}{2}$ Mv on the central electrode) and peak currents of 2.2 microamperes delivered to targets in the experimental area. A gas stripper is in use at AWRE, and a foil stripper, using carbon foils of thickness 5 micrograms per square

(Continued on page 152)



This photo taken in a test pit at the Barton Works of Metropolitan-Vickers shows a partially assembled stack of equipotential plates for the 12 MeV tandem electrostatic generator.

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centimetre over 3/8-inch diameter is in use at AERE. Both are performing satisfactorily. Improvement in performance is continuous, and we look forward to using the machines in the exploitation of a new and interesting field of nuclear physics."

W. D. Allen,
U.K. Atomic Energy Authority.

New company will make ion engines

The B. F. Goodrich Co. and High Voltage Engineering Corp. have established a new company, Goodrich-High Voltage Astronautics, Inc. The new firm will engage in research, development and manufacture of ion propulsion devices for space vehicles. Work has already started on a laboratory ion thrust unit at the company's headquarters in Burlington, Mass.

President of the new firm is A. John Gale, vice-president of applied physics at High Voltage Engineering. Chairman of the board is P. W. Perdriau, general manager of B. F. Goodrich's aviation products division.

Ion propulsion is achieved by imparting uni-directional velocities to the fuel particles, much as is done in a cathode ray tube. The essential parts of an ion motor are a prime energy source, an energy converter, and an ion emitter. Nuclear or solar power may be used as the prime energy source; converters may be electrostatic generators; and cesium or mercury are among the likely ion fuels.

Americans plan huge linear particle accelerator

The United States Atomic Energy Commission is seeking Congressional authorization to build a two-mile-long linear particle accelerator at Stanford University, California. The research machine would be capable of producing 15 BeV energy levels initially, but could eventually be raised to 45 BeV.

The accelerator is planned for construction near the Stanford campus. The apparatus would be enclosed in two parallel tunnels, each nearly two miles long and covered by 35 feet of earth. On the basis of preliminary estimates, the project would cost about \$100,000,000 for construction, \$18,000,000 for research and development, and approximately \$15,000,000 a year to operate after completion. The Commission would finance the project, and Stanford would operate the machine.

The Commission has conducted preliminary discussions with representatives of Stanford University in preparation of negotiation of a contract for construction and operation of the accelerator, subject to authorization and appropriation of funds.

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1A7GT	.60	6AU5GT		12BA6	.70	811	3.50
1B3GT	1.00		1.50	12BH6	.75	811A	6.50
1B85	4.95	6AU6	.75	12BH7A		812A	6.50
1N23B	.75	6AU8	1.20		1.05	813	8.50
1N23C	.95	6AV6	.60	12BK5	1.20	815	3.00
1R5	.80	6AW8	1.25	12BQ6GT		828	.00
1S4	.80	6AX4GT	.90		1.55	829-B	8.00
1S5	.70	6AX5GT		12BY7A		830-B	.25
1U4	.50		1.05		1.00	832	2.75
1U5	.75	6B4G	2.50	12BZ7	1.05	837	1.00
1V2	.65	6BA6	.70	12CU5	.85	838	1.00
1X2B	1.10	6BC4	1.80	12CU6	1.55	866A	1.50
1Z2	1.30	6BC5	.80	12DQ6	1.55	872-A	1.00
2C39A	9.00	6BC8	1.40	12SA7GT		879-2X2	.25
2C43	6.50	6BE6	.75		.85	884	.70
2C51	2.00	6BGG	2.25	12SC7	.85	885	1.00
2D21	.65	6BH6	.75	12SK7GT		889A	75.00
2E22	1.75	6BJ6	.70		.95	918	.85
2E25	2.50	6BJ7	1.00	12SL7	.75	954	1.10
2E26	3.40	6BK4	2.50	12SN7GT		955	.20
2E35	1.50	6BK5	1.10		.90	957	.20
2K25	9.95	6BK7A	1.15	12SQ7GT		958-A	.25
2K26	34.00	6BL7GT	1.35		.85	991/NE16	
2K28	30.00	6BN7	.85	12SR7	.85		.15
2X2	.25	6BN6	1.00	12VG6T	.75	1613	1.50
3A3	1.10	6BQ6GT		12WG6T		1614	2.75
3A4	.70		1.35		1.00	1616	.60
3A5	.75	6BQ7A	1.35	12X4		1619	.17
3AP1	3.50	6BS8	1.45	19AU4	1.20	1625	.20
3AL5	.40	6BU8	1.00	19BG6G		1626	.15
3AU6	.75	6BX7GT			2.25	1629	.30
3AV6	.60		1.35	24G, 3C24		1635	2.00
3B4	2.25	6BY5G	1.15		3.50	1654	1.70
3B26	3.50	6BY6	.80	25AX4GT		1658	.75
3B6G	.85	6BY8	.90	25W4GT	1.05	1913	.50
3BC5	.85	6BZ6	.80	25BK5	1.25	2014	.50
3BN6	1.00	6BZ7	1.40	25BQ6GT		2050	1.25
3BP1	1.50	6BZ8	1.60		1.55	28-3200	
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3BY6	.85	6C6	.75		2.00	5516	7.00
3BZ6	.85	6C21	10.00	25CU6	1.60	5517	.70
3C24	3.50	6C86	.80	25L6GT	.70	5528	4.00
3C55	.85	6C85	2.75	25W4GT	.95	5557	5.00
3CF6	.90	6C6G	2.25	25Z5	.65	5558	4.00
3C56	.85	6CF6	.90	6G27A	7.50	5559	5.00
3D23	.35	6CG7	.85	6G32	4.50	5588	35.00
3DT6	.80	6CG8	1.10	35A5	1.00	5636	2.25
3E29	6.00	6CL6	1.30	35B5	.90	5637	2.50
3S4	.85	6CM6	.90	35C5	.75	5638	2.50
3V4	.85	6CN7	.85	35L6	.85	5639	2.50
4X150A	7.00	6C96	.85	35T6	1.75	5642	1.50
4B08	1.40	6CU5	.90	35W4	.50	5651	1.00
4BQ7A	1.40	6CU6	1.50	35Y4	.80	5654	1.75
4B88	1.25	6D6	.75	35Z5	.65	5656	1.00
4B8U	1.20	6D6	.85	50A5	1.10	5667	75.00
4BZ7	1.40	6DT6	.85	50B5	.90	5670	1.00
4C35	13.50	6DQ6	1.55	50C5	.75	5687	1.50
5ADP7	17.00	6F4	2.25	50L6GT	.85	5691	4.50
5AMB	1.15	6F6	.90	50R-72	.25	5692	4.95
5AN8	1.25	6F7	.95	.90	.85	5693	4.50
5AQ5	.75	6F8	1.80	51A1	1.75	5703	1.00
5AS8	1.20	6H6	.45	53	1.35	5704	1.00
5AT8	1.15	6J4	1.00	100-TH	9.50	5718	1.00
5AW4	1.25	6J5GT	.50	117Z25	.85	5719	1.00
5BK7	1.20	6J6	.50	6VXR130		5725	.90
5BP4	3.00	6K6GT	.80		1.00	5726	.70
5BQ7	1.40	6K7	.75	4X150A		5727	1.50
5C22	18.00	6K8	1.00		7.00	5736	85.00
5C58	1.15	6L6	2.00	274B	.40	5744	.80
5JPI	4.00	6S4	.75	GL-299	1.00	5749	.85
5J6	1.00	6SA7GT			3.07A	50	5750
5LP1	7.00		1.05	310-A	3.50	5751	1.25
5R4GY	1.00	6SC7	1.05	311A	3.50	5812	1.50
5RPIA	12.00	6SJ7	.75	316A	.20	5814	.75
5T4	1.10	6SK7GT	.90	337-A	2.75	5840	2.00
5T8	1.20	6SL7GT	.90		3.50	5847	7.00
5UP1	12.50	6SN7GT	.70	350A	2.00	5875	1.00
5U4GB	.75	6SN7GTB		350B	1.50	5879	1.00
5U8	1.15		.90	357A	15.00	5881	2.75
5W4GT	.90	6SQ7GT	.85	371B	1.00	5883	1.00
5Y3GT	.60	6T4	1.30	394A	3.00	5965	.90
5Z4	1.25	6T8	1.15	396A	2.00	6004	.85
6A7	1.00	6V6GT	.75	403A	1.50	6005	1.50
6AB4	.60	6W4GT	.85	403B	.90	5012	3.40
6AC7	.75	6W6GT	1.00	403B	2.40	5072	2.50
6AF4	1.45	6X4	.60	404A	7.00	5073	1.00
6AG5	.65	6X5GT	.70	407A	2.95	5080	3.50
6AG7	.95	6X8	1.10	408A	1.75	5096	1.25
6AH4GT		6Y6G	1.00	417A	8.00	6100	1.75
	1.05	7BP7	5.00	420A	6.75	6146	4.50
6AH6	1.40	7AW6A	1.40	434A	4.00	6012	.30
6AK4	3.50	6CG7	.90	446A	.50	6015A	4.50
6AK5	.75	6CM7	.90	450-TL		6020	3.00
6AL5	.65	6Z6	.40		43.00	9001	.50
6AM4	1.00	6Z6	.65	673	11.50	9003	1.15
6AN8	1.15	6AD6	.75	703A	.75	9004	.40
6AN5	.60	6AT6	.70	717A	.20	9006	.35
6AN8	1.50	6AT6	.75	723A	5.00	9006	.35
6AQ5	2.55	6IAU6	.75	758-A	1.00	AX9903	
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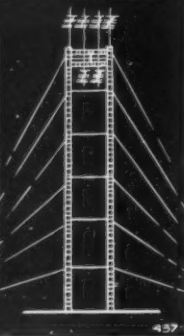
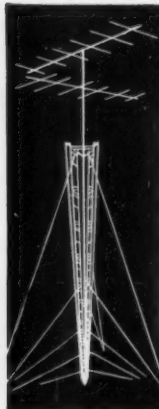
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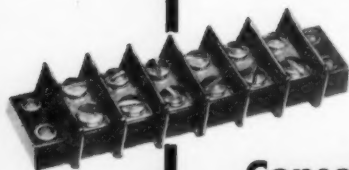
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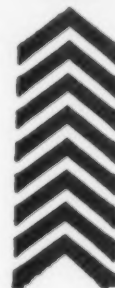
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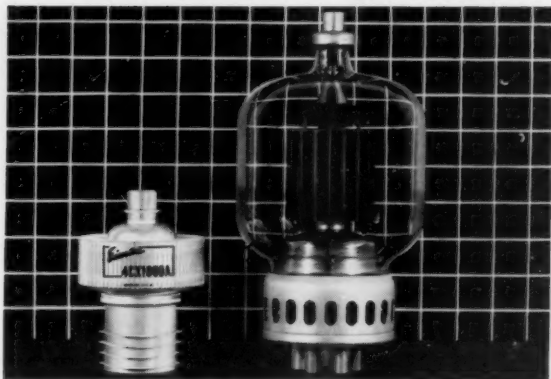
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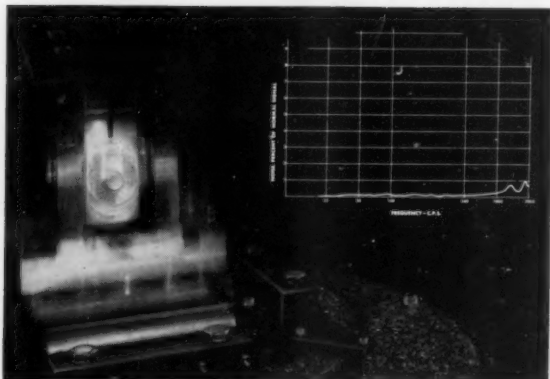
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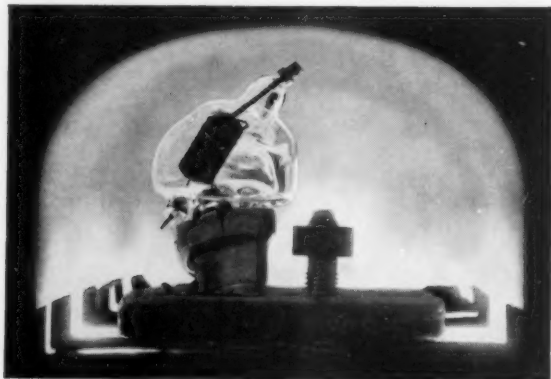
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